

David Kriebel
Director, Lowell Center for Sustainable
Production Professor Emeritus, Department of
Public Health University of Massachusetts

A. EDUCATION AND ACADEMIC QUALIFICATIONS

1.

University of Wisconsin
Green Bay, WI
B.S. Human Biology, 1977
summa cum laude
Harvard School of Public Health
Sc. M. Physiology, 1983
Harvard School of Public Health
Sc.D. Epidemiology and Occupational Health, 1986

2. ACADEMIC APPOINTMENTS

- Teaching Fellow Harvard School of Public Health, Department of Environmental Science and Physiology, 1/85 - 6/86.
- Research Associate Harvard School of Public Health, Occupational Health Program, 7/86 - 6/87.
- Assistant Professor of Occupational Health and Epidemiology, Harvard School of Public Health, joint appointment in Departments of Environmental Science and Physiology, and Epidemiology, 7/87 - 9/88.
- Assistant Professor of Work Environment, University of Massachusetts Lowell, MA., 9/88 - 8/92.
- Co-Director, Lowell Center for Sustainable Production, Lowell MA. 1996 –
- Associate Professor of Work Environment, University of Massachusetts Lowell, 9/92 - 8/99.
- Professor of Work Environment, University of Massachusetts Lowell, 9/99 –
- Chair, Department of Work Environment, University of Massachusetts Lowell, 2008 – 2013.
- Professor, Department of Public Health, University of Massachusetts Lowell, 2017 – 2020.
- Professor Emeritus, University of Massachusetts Lowell, 2020 --

OTHER EMPLOYMENT

- Research Assistant Center for the Biology of Natural Systems, St. Louis, MO. 9/72 - 6/73.
- Computing Consultant University of Wisconsin, Green Bay, WI. 6/76 - 12/77.
- Research Associate Center for the Biology of Natural Systems, Washington University, St. Louis, MO. 1/78 - 8/81.
- Co-director Carcinogen Information Program, Washington University, St. Louis, MO. 1/79 - 3/81.
- Epidemiology Consultant Harriet Hardy Institute, Boston, MA, 6/82 - 9/82.
- Epidemiologist Center for the Study and Prevention of Cancer, Florence, Italy, 9/83 - 1/84.
- Epidemiology Consultant Massachusetts Department of Public Health, Center for Health Promotion and Environmental Disease Prevention, 1986.

B. PROFESSIONAL ACTIVITIES

1. Professional Association Participation (state nature of participation: paper read, panel discussant, office holder, etc.)

- Treasurer, Harriet Hardy Institute, Boston, MA. 1996 - 2002.
- Member, American Public Health Association.
- Member, American Conference of Government Industrial Hygienists.
- Member, Society for Epidemiologic Research.
- Member, International Commission on Occupational Health.
- Member, International Epidemiological Association.

2. Professional Honors and Awards

- National Environmental Health Association Undergraduate Scholarship, 1974.
- International Union against Cancer Traveling Fellowship, 9/83 - 1/84.
- Italian League against Cancer Visiting Scientist Award, 9/83 - 1/84.
- Post-doctoral Fellow, University of Massachusetts Medical Center Department of Family and Community Medicine, Environmental Health Program, 7/86 - 2/87.
- Fulbright Fellow, Institute of Pharmacology and Toxicology, University of Florence, and Center for the Study and Prevention of Cancer, Florence, Italy, 11/87 - 8/88.
- Commencement Address, University of Wisconsin-Green Bay, 5/2008
- Earth Caretaker Award recipient, University of Wisconsin-Green Bay, 2015.
- Lifetime Achievement Award, Scientific Committee on Epidemiology in Occupational Health of the International Commission on Occupational Health (EPICOH). Awarded at the 29th Annual Symposium on Epidemiology in Occupational Health, Mumbai, March 2023.

3. Non-Teaching Activities

- Education editor for the journal *Environment*, 1/74 - 1/75.
- Invited to China by the National Institute of Occupational Medicine to consult on respiratory disease in a Chinese beryllium factory, 6/86.
- Editorial Board, *New Solutions, A Journal of Environmental and Occupational*

- *Health Policy*, 1990 - present.
- Member, Peer Review Panel, Health Effects Institute, Chronic Effects of Ozone Study Section, Spring, 1992.
- Member, Editorial Committee, *Epidemiologia e Prevenzione* (Italian), 2011 – present.
- Member, International Advisory Board, *Medicina del Lavoro* (Milan), 2016 -- 2023
- Reviewer for the following peer reviewed journals:

American Journal of Industrial Medicine

American Journal of Industrial Hygiene

American Journal of Epidemiology

American Journal of Public Health

Archives of General Psychiatry

BMC Medical Research Methodology

Cancer Causes and Control

Environmental Health

Environmental Health Perspectives

Epidemiology

International Journal of Epidemiology

Journal of the National Cancer Institute

Journal of Public Health Policy

Journal of Sleep Research

Laboratory Investigation

New Solutions

Occupational & Environmental Medicine

Ontario Workplace Safety & Insurance Board

- Advisor on beryllium research, National Institute for Occupational Safety and Health, 1985 - 1992.
- Member, National Academy of Sciences, Institute of Medicine Committee to Review the Health Effects of Herbicides in Vietnam Veterans, 12/92 - 5/96.
- Member, Site Visit Panel, Health Effects Institute, Ozone Exposure and Daily Mortality in Mexico City, 3/94.
- Member, National Institute for Occupational Safety and Health Study Section (NIH peer review panel) 7/96 - 6/98.
- Invited member, Workshop on on-going and future projects on asbestos-related diseases, International Agency for Research on Cancer, Paris, December 1997.
- Consultant, Mass. Department of Public Health, Occupational Health Surveillance Program, Breast Cancer and Occupation Project, 3/01 to 3/02.
- Member, National Institute for Occupational Safety and Health Site Review Committee for Educational Research Center grant, 9/03.
- Member, Scientific Advisory Committee, Piedmont (Italy) Regional Center for Cancer, 2003
- Member, Mass. Department of Environmental Protection, Perchlorate Health Effects Advisory Committee. 2003 – 2007.
- Invited contributor, Workshop on Occupational Cancer Burden, U.K. Health & Safety Inspectorate, Manchester, U.K. November 2004.

- Invited contributor, “Workshop on evaluating evidence: the use, misuse and development of ‘criteria’ in the assessment of scientific evidence on health and environmental hazards, 1965 – 2005”. European Environment Agency and Imperial College London, December 2005.
- Invited contributor, “Workshop on dealing with uncertainty: setting the agenda for the 5th ministerial conference on environment and health, 2009”. WHO Office for Europe. Copenhagen, December 2005.
- Member, National Academy of Sciences, Board on Environmental Science and Toxicology, Committee on Beryllium, 2007 – 2008.
- Member, U.S. EPA Science Advisory Board, Libby Amphibole Asbestos Review Panel, 2011 – 2012.
- Member, Gulf Long-term Follow-up (GuLF) Study Scientific Advisory Board, National Institute for Environmental Health Sciences, 2011 – 2021.
- Special Member, National Institute for Occupational Safety and Health Study Section (NIH peer review panel) February 2013.
- Member, National Research Council Board on Environmental Science and Technology Committee to Review the Carcinogenicity of Formaldehyde. 2013-14.
- Member, International Scientific Committee of the EPICOH2016 conference, Barcelona Spain 5-8 September 2016.
- Member, International Scientific Committee of the EPICOH2017 conference, Edinburgh, U.K., 28-31 August 2017.
- Member, International Agency for Research on Cancer Monographs Working – ‘Styrene, Styrene-7, 8-oxide, and Quinoline’, 2017 - Group for volume 121 2018.
- Member, International Agency for Research on Cancer Monographs Working Group for 2019 revision of the Monograph Preamble, 2018.
- Member, International Agency for Research on Cancer Monographs Working Group for volume 132 – ‘Occupational Exposures of Firefighters’, 2022.

C. Research

1. Grants and Contracts

1. Ford Foundation, "Venture Fund Small Grant: Environmental Problem Solving Workshop". David Kriebel and Neil Jacobstein, Co-Principal Investigators, 6/74 - 5/75. National Science Foundation, "Air and Noise Analysis of Interior Recreational Environments". David Kriebel and Neil Jacobstein, Co-Principal Investigators, 6/75 - 5/76. National Institute for Occupational Safety and Health, "Respiratory Disease in Beryllium Workers". David Kriebel, Principal Investigator, 08/84 - 09/86;
3. \$28,995. National Institute for Environmental Health Sciences, "Epidemiologic Methods for Estimating Airborne Exposures". David Kriebel, Principal Investigator, 12/86 - 11/89; \$165,496.

5. National Institute for Environmental Health Sciences, "Epidemiologic Methods for Estimating Airborne Exposures" (competitive renewal). David Kriebel, Principal Investigator, 8/90 - 7/93; \$381,237.
6. National Institute for Occupational Safety and Health, "Improved Magnetic Field Exposure Assessment". David Kriebel, Principal Investigator, 12/90 - 11/92; \$52,200.
7. United Autoworkers/General Motors Joint National Committee on Health and Safety, "Field Investigations of the Acute Respiratory Effects of Machining Fluids". David Kriebel, Principal Investigator, 1/91 - 6/95; \$970,614.
8. National Institutes of Health, "Epidemiologic Study of Pulmonary Effects of Formaldehyde". David Kriebel, Principal Investigator, 8/92 - 7/95; \$282,399.
9. Jesse B. Cox Charitable Trust, "Developing Sustainable Production." 4/97-3/99, \$125,000.
10. National Cancer Institute, "Lung Cancer and Exposure to Chrysotile and Amphiboles". David Kriebel, Principal Investigator, Metoda Dodic-Fikfak, Small Grant Investigator, 7/97 - 6/01; \$72,800.
11. Merck Foundation, "The Precautionary Principle in Environmental Regulation in Massachusetts". David Kriebel, Principal Investigator, 1/99-12/01; \$50,000.
12. Centers for Disease Control/NIOSH, "Metalworking Fluids and Aerodigestive Cancer Risk". David Kriebel, Principal Investigator, 7/99-6/01; \$268,499.
13. Centers for Disease Control/NIOSH, "The Role of Social Networks in Workplace Injuries". David Kriebel, Principal Investigator, Douglas Myers, Small Grant Investigator, 1/01 - 12/02; \$ 76,294.
14. Association of Teachers of Preventive Medicine/Centers for Disease Control, "Development of a Simplified 2-Stage Cancer Model". David Kriebel, Principal Investigator, 10/01/01 – 9/30/03; \$60,000.
15. Association of Teachers of Preventive Medicine/Centers for Disease Control, 'Disease Clustering and Episodic Environmental Releases'. David Kriebel, Principal Investigator, Kate Adams, Small Grant Investigator, 10/01/03 – 9/30/05; \$150,000.
16. Centers for Disease Control & Prevention/NIOSH, "Sharps Injuries and Safe Needle Device Use Among Home Health Care Workers." Margaret Quinn, P.I. David Kriebel, Epidemiology Co-investigator, 9/1/04 – 8/31/08.
17. M. Leland National Urban Air Toxics Research Center, "Proximity to Traffic, Air Toxic Exposures and the Development of Asthma in Children". Susan Woskie, P.I. David Kriebel, Epidemiology Co-investigator, 9/1/06 – 8/31/09.
18. Kendeda Fund, "The Campaign for Sustainable Production & Consumption", David Kriebel, PI, 8/15/07 – 8/14/12.
19. Public Welfare Foundation, Lessons Learned: Workable Solutions to Workplace Health & Safety. David Kriebel, PI, 7/1/09-6/30/10.
20. Liberty Mutual Research Institute for Safety, Post-doctoral fellowship program in injury and disability research. David Kriebel, PI, 1/1/05 – 12/31/2017.
21. Centers for Disease Control/NIOSH, "Training Program Grant", David Kriebel PI, 7/1/2010 – 6/30/2018.
22. Centers for Disease Control/NIOSH (Subcontract from Feinstein Institute North Shore LIJ Health System), "Assessing the Impacts of Epidemiologic Biases in WTC Health Studies", David Kriebel, P.I., 7/1/14 to 6/30/16.

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23. Centers for Disease Control/NIOSH, 1 R01OH0 10539-01A1: Heavy Lifting & Risk of Retinal Detachment: A Case Control Study, David Kriebel (PI), 9/1/2014 – 8/31/2019.
24. U.S. EPA, “‘Greening the Bottom Line’ in Breweries, Dairy Producers and Seafood Processors”, David Kriebel, P.I., 10/1/2018 to 9/30/2021, Grant number NP 00A00279.
25. Massachusetts Bay Transportation Authority, “Support of Environmental and Sustainability Management Systems”. David Kriebel, P.I., 3/1/2017 to 6/30/2020.
26. World Health Organization. “Incorporating ‘precautionary principle’ in the process and methods of developing normative products under the condition of scientific uncertainty.” David Kriebel, P.I., 2/25/2022 to 7/10/2022.
27. The Heinz Endowments, "Protecting Children, Preserving Green Space: Creating Safe Athletic Fields and Playgrounds". David Kriebel, P.I., 9/1/2019 to 8/31/2020. Grant Number E6813. Annually renewed, current year: 2/22/2023 – 2/21/2024.

2. Academic & Professional Publications

PUBLICATIONS IN SCIENTIFIC JOURNALS

Peer Reviewed:

1. Kriebel D, Jowett D. Stomach cancer mortality in the north central states: high risk is not limited to the foreign born. *Nutrition and Cancer* 1979; 1:8-12. Dolara P, Commoner B, Vithayathil A, Cuca G, Tuley E, Madyastha P, Nair, S, Kriebel D.
2. The effect of temperature on the formation of mutagens in heated beef stock and cooked ground beef. *Mutation Research* 1979; 60:231-237. Cecchi F, Buiatti E, Kriebel D, Nastasi L, Santucci M. Adenocarcinoma of the nose and paranasal sinuses in shoemakers and woodworkers in the province of Florence, Italy (1963-1977). *British Journal of Industrial Medicine* 1980; 37:4-14. Kriebel D.
3. Occupational injuries: factors associated with frequency and severity. *International Archives of Occupational and Environmental Health* 1982; 50:209-218. Kriebel D, Commoner B. Bollinger D, Bronsdon A, Gold J, Henry J. Detection of occupational exposure to genotoxic agents with a urinary mutagen assay. *Mutation Research* 1983; 108:67-79. Buiatti E, Barchielli A, Geddes M, Nastasi L, Kriebel D, Franchini M, Scorselli G. Risk factors in male infertility: a case-control study. *Archives of Environmental Health* 1984; 39:266-270. Kriebel D, Henry J, Gold J, Bronsdon A, Commoner B. The mutagenicity of cigarette smokers' urine. *Journal of Environmental Pathology, Toxicology and Oncology*, 1985; 6:157-170. Buiatti E, Kriebel D, Geddes M, Santucci M, Pucci N. A case control study of lung cancer in Florence, Italy: I. Occupational risk factors. *Journal of Epidemiology and Community Health* 1985; 39:244-250. Buiatti E, Geddes M, Kriebel D, Santucci M, Biggeri A. A case control study of lung cancer in Florence, Italy: II. The effect of migration from the south. *Journal of Epidemiology and Community Health* 1985; 39:251-255.
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10. Christiani D, Kriebel D, Fox N, Baker E. Persistently elevated polychlorinated biphenyl residual contamination of workplace surfaces. *American Journal of Industrial Medicine* 1986; 10:143-151.
11. Quinn MM, Kriebel D, Buiatti E, Paci E, Sini S, Vannucchi G, Zappa M. An asbestos hazard in the reprocessed textile industry. *American Journal of Industrial Medicine* 1987; 11:255-266.
12. Rockoff SD, Kagan E, Schwartz A, Kriebel D, Hix W, Rohtagi P. Visceral pleural thickening in asbestos exposure. *J Thoracic Imaging*, 1987; 2:58-66.
13. Dolara P, Lodovici M, Salvadori M, Saltutti A, Delle Rose A, Selli C, Kriebel D. Variations of cortisol hydroxylation and paracetamol metabolism in patients with bladder carcinoma. *Br J Urology* 1988; 62:419-426.
14. Kriebel D, Brain J, Sprince N, Kazemi H. The pulmonary toxicity of beryllium. *American Review of Respiratory Disease* 1988; 137:464-473.
15. Kriebel D, Sprince N, Eisen E, Greaves I. Pulmonary function in beryllium workers: assessment of exposure. *British Journal of Industrial Medicine* 1988; 45:83-92.
16. Kriebel D, Sprince N, Eisen E, Greaves I, Feldman H, Greene R. Beryllium exposure and pulmonary function: a cross-sectional study of beryllium workers. *British Journal of Industrial Medicine* 1988; 45:167-173.
17. Caderni G, Bianchini F, Dolara P, Kriebel D. Proliferative activity in the colon of the mouse and its modulation by dietary starch, fat, and cellulose. *Cancer Research* 1989; 49:1655-1659.
18. Bianchini F, Caderni G, Dolara P, Fantetti L, Kriebel D. Effect of dietary fat, starch and cellulose on fecal bile acids in mice. *J Nutrition* 1989; 119:1617-1624.
19. Kennedy S., Greaves I., Kriebel D., Eisen E., Smith T., Woskie S. Acute pulmonary responses among automobile workers exposed to aerosols of machining fluids. *American Journal Industrial Medicine*, 1989; 15:627-641.
20. Kriebel D, Smith TJ. A nonlinear pharmacologic model of the acute effects of ozone on the human lungs. *Environmental Research*, 1990; 51:120-146.
21. Sama S, Martin TR, Davis L, **Kriebel D**. Cancer incidence among Massachusetts firefighters, 1982-1986. *American Journal of Industrial Medicine* 1990; 18:47-54.
22. Eisen EA, Kriebel D, Wegman DH, Woskie SR, Hu X. An epidemiologic approach to the study of acute reversible health effects in the workplace. *Epidemiology* 1991; 2:263-270.
23. Caderni G, Bianchini F, Dolara P, Kriebel D. Starchy foods and colon proliferation in mice. *Nutrition and Cancer* 1991; 15:33-40.
24. Becherini R, Seniori Costantini A, Benelli R, Calistri S, Gasperini M, Gavazzi M, Masala G, Merler E, Monechi V, Nannini R, Paci E, Kriebel D. Tumors of the urinary tract in textile workers in the area of Prato (Italy) [in Italian]. *Medicina del Lavoro* 1991; 82:492-503.
25. Zappa M, Paci E, Costantini A, Kriebel D. Lung cancer among textile workers in the Prato area of Italy. *Scand J Work Environ Health* 1993; 19:16-20.
26. Eisen EA, Wegman DH, **Kriebel D**. Application of peak expiratory flow in epidemiologic studies of occupation. *Occupational Medicine: State of the Art Reviews* 1993; 8:265-277.
27. Dahlquist M, Eisen EA, Wegman DH, **Kriebel D**. Reproducibility of peak expiratory flow measurements. *Occupational Medicine: State of the Art Reviews*

- 1993; 8:295-302. **Kriebel D**, Sama S, Cocanour B. Reversible pulmonary responses to irritants: a study of students in university laboratories. *American Review of Respiratory Disease* 1993; 148:1509-1515. Dhara VR, **Kriebel D**. An exposure-response method for assessing the long term health effects of the Bhopal gas disaster. *Disasters* 1993; 17:281-290. Woskie S, Smith T, Hallock M, Hammond S, Rosenthal F, Eisen E, **Kriebel D**, Greaves I. Size selective pulmonary dose indices for coolant fluid aerosols in machining and grinding operations in the automobile manufacturing industry. *American Industrial Hygiene Association Journal* 1994; 55:20-29. **Kriebel D**. The dosimetric model in epidemiology. *Occupational Hygiene*, 1994; 1:55-68. Ballew, M, **Kriebel D**, Smith TJ. Epidemiologic application of a dosimetric model of dust overload. *American Journal of Epidemiology*, 1995; 141:690-696. Wenzl TB, **Kriebel D**, Eisen EA, Moure-Eraso R. A comparison of two methods for estimating average exposure to power-frequency magnetic fields. *Applied Occupational and Environmental Hygiene* 1995; 10:125-130. Milton DK, Wypij D, **Kriebel D**, Walters MD, Hammond SK, Evans JS. Endotoxin exposure-response in a fiberglass manufacturing facility. *Am J Industrial Medicine* 1996; 29:3-13. Sullivan P, Eisen EA, **Kriebel D**, Wegman DH. Estimating risk under varying models of occupational exposure. *Occupational Hygiene*, 3:185-190, 1996. Forastiere F, Corbo GM, Dell'Orco V, Pistelli R, Agabiti N, Kriebel D. A longitudinal evaluation of bronchial responsiveness to methacholine in children: role of baseline lung function, gender, and change in atopic status. *Am J Respiratory and Critical Care Medicine* 1996; 153:1098-1104. Woskie SR, Virji MA, Kriebel D, Sama SR, Eberiel D, Milton DK, Hammond SK, Moure-Eraso R. Exposure assessment for a field investigation of the acute respiratory effects of metalworking fluids. I. Summary of findings. *Am Ind Hyg Assoc J* 1996; 57: 1154-1162. Corbo GM, Agabiti N, Forastiere F, Dell'Orco V, Pistelli R, Kriebel D, Pacifici R, Zuccaro P, Ciappi G, Perucci CA. Lung function in children and adolescents with occasional exposure to environmental tobacco smoke. *Am J Respir Crit Care Med* 1996;154(3 Pt 1):695-700. **Kriebel D**, Sama SR, Woskie S, Christiani DC, Eisen EA, Hammond SR, Milton DK, Smith M, Virji MA. A field investigation of the acute respiratory effects of metal working fluids. I: effects of aerosol exposures. *Am J Industrial Medicine* 1997; 31:756-766. Sama SR, **Kriebel D**, Woskie S, Eisen EA, Wegman DH, Virji MA. A field investigation of the acute respiratory effects of metal working fluids. II: Effects of airborne sulfur exposures. *Am J Industrial Medicine* 1997; 31:767-776. Wenzl TB, Kriebel D, Eisen EA, Tolbert P, Hallock M. Magnetic field exposure in an automobile transmission plant. *Archives of Environmental Health*, 1997; 52:227-232. Greaves IA, Eisen EA, Smith TJ, Pothier LJ, Kriebel D, Woskie SR, Kennedy SM, Shalat S, Monson RR. Respiratory health of automobile workers exposed to metal-working fluid aerosols: respiratory symptoms. *Am J Ind Med.* 1997;
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- 32:450-459. Sullivan PA, Eisen EA, Woskie SR, Kriebel D, Wegman DH, Hallock MF, Hammond SK, Tolbert PE, Smith TJ, Monson RR. Mortality studies of metalworking fluid exposure in the automobile industry: VI. A case-control study of esophageal cancer. *Am J Ind Med.* 1998;34:36-48. Quinn MM, Kriebel D, Geiser K, Moure-Eraso R. Sustainable production: a new strategy for the work environment. *Am J Ind Med,* 1998; 34:297-304. [https://doi.org/10.1002/\(S IC I\)1097-0274\(199810\)34:4<297::A ID- AJIM1>3.0.CO;2-Q](https://doi.org/10.1002/(S IC I)1097-0274(199810)34:4<297::A ID- AJIM1>3.0.CO;2-Q)
43. Thompson ML, Myers JE, Kriebel D. The prevalence odds ratio or prevalence ratio in the analysis of cross-sectional data: what is to be done? *Occup Environ Med.* 1998; 55:272-277. Woskie SR, Eisen EA, Wegman DH, Hu X, **Kriebel D.** Worker sensitivity and reactivity: indicators of worker susceptibility to nasal irritation. *Am J Ind Med,* 1998; 34:614-622. Loomis D, Salvan A, Kromhout H, **Kriebel D.** Selecting indices of occupational exposure for epidemiologic studies. *Occupational Hygiene,* 1999; 5:73 - 91. Dodic-Fikfak M, Clapp R, **Kriebel D.** The health risks of decommissioning nuclear facilities. *New Solut.* 1999; 9(2):153-61. Virji MA, Woskie SR, Sama SR, **Kriebel D,** Eberiel D. Identifying the determinants of viable microorganisms in the air and bulk metalworking fluids. *AIHAJ.* 2000 Nov-Dec;61(6):788-97. Seniori Costantini A, Miligi L, **Kriebel D,** Ramazzotti V, Scarpi E, Stagnaro E, Tumino R, Fontana A, Masala G, Vigano' C, Vindigni C, Crosignani P, Benvenuti A, Vineis P. A multicenter case-control study in Italy on hematolymphopietic neoplasms and occupation. *Epidemiology* 2001; 12:78-87. **Kriebel D,** Myers D, Chen MC, Woskie S, Cocanour B. Short-term effects of formaldehyde on peak expiratory flow and irritant symptoms. *Archives Environ Health* 2001; 56:11-18. **Kriebel D.** Describing community health risks: can epidemiology be improved? *New Solutions* 2001; 11:13-21. **Kriebel D,** Tickner J, Epstein P, Lemons J, Levins R, Loechler EL, Quinn MM, Rudel R, Schettler T, Stoto M. The precautionary principle in environmental science. *Environmental Health Perspectives* 2001; 109:871-876. **Kriebel D,** Tickner J. Reenergizing public health through precaution. *American Journal of Public Health* 2001; 91:1351-1355. Eisen EA, Smith TJ, **Kriebel D,** Woskie SR, Myers DJ, Kennedy SM, Shalat S, Monson RR. Respiratory health of automobile workers and exposures to metal- working fluid aerosols: lung spirometry. *Am J Ind Med.* 2001 May; 39(5):443-53. Zeka A, **Kriebel D,** Kennedy SM, Wegman DH. The role of underlying pulmonary obstruction in short-term airway response to metal working fluid exposure: a reanalysis. *American Journal of Industrial Medicine* 2003; 43:286-290. Tickner JA, **Kriebel D,** Wright S. A compass for health: rethinking precaution and its role in science and public health. *International J Epi* 2003; 32:489-492. Krieger N, Northridge M, Gruskin S, Quinn M, **Kriebel D,** Davey Smith G, Bassett M, Rehkopf DH, Miller C, and the HIA "promise and pitfalls" conference group. Assessing health impact assessment: multidisciplinary and international perspectives.
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- Journal of Epidemiology and Community Health* 2003; 57:659-662.
59. Hemmingsson T, **Kriebel D**, Lundberg I. Smoking at age 18-20 and suicide during 26 years of follow-up – how can the association be explained? *International Journal of Epidemiology* 2003; 32: 1000–1005.
60. Zeka A, Gore R, **Kriebel D**. Effects of Alcohol and Tobacco on Aerodigestive Cancer Risks: A Meta-regression Analysis. *Cancer Causes and Control* 2003; 14:897-906.
61. Zeka A, Eisen EA, **Kriebel D**, Gore R, Wegman D. Risk of upper aerodigestive tract cancers in a case-cohort of auto workers and exposures to metalworking fluids. *Occupational & Environmental Medicine* 2004; 61:426-431.
62. **Kriebel D**, Zeka A, Eisen EA, Wegman D. Quantitative Evaluation of the Effects of Uncontrolled Confounding by Alcohol and Tobacco in Occupational Cancer Studies. *International Journal of Epidemiology* 2004; 33:1-6.
63. Wallace RF, **Kriebel D**, Punnett L, Wegman DH, Wenger CB, Gardner JW, Gonzalez RR. The effects of continuous hot weather training on risk of exertional heat illness. *Medicine and Science in Sports and Exercise* 2005; 37:84-90.
64. Thompson D, **Kriebel D**, Quinn MM, Wegman DH, Eisen EA. Occupational exposure to metalworking fluids and risk of breast cancer among female autoworkers. *Am J Ind Med* 2005; 47:153-60.
65. Agalliu I, Eisen EA, **Kriebel D**, Quinn MM, Wegman DH. A biological approach to characterizing risk of prostate cancer and exposure to metalworking fluids. *Cancer Causes Control* 2005; 16: 323 – 331.
66. Agalliu I, Eisen EA, **Kriebel D**, Quinn MM, Wegman DH. Prostate cancer incidence in relation to time windows of exposure to metalworking fluids in the automobile industry. *Epidemiology* 2005; 16: 664 – 671.
67. da Silva MC, Fassa AG, Siqueira CE, **Kriebel D**. World at work: Brazilian ragpickers. *Occupational and Environmental Medicine* 2005; 62: 736-740.
68. Myers D, **Kriebel D**, Karasek R, Punnett L, Wegman D. Injuries and assaults in a long-term psychiatric care facility. *Am Assoc Occ Health Nursing J* 2005; 53: 489-498.
69. Bardin JA, Gore RJ, Wegman DH, **Kriebel D**, Woskie SR, Eisen EA. Registry-based case-control studies of liver cancer and cancers of the biliary tract nested in a cohort of autoworkers exposed to metalworking fluids. *Scand J Work Environ Health* 2005; 31:205-211.
70. da Silva MC, Fassa AG, **Kriebel D**. Musculoskeletal Pain among Ragpickers in a Southern City in Brazil. *Am J Ind Med*. 2006 Mar 28; 49(5):327-336.
71. Wallace RF, **Kriebel D**, Punnett L, Wegman DH, Wenger CB, Gardner JW, Kark JA. Risk Factors for Exertional Heat Illness by Gender and Training Period. *Aviation, Space, and Environmental Medicine* 2006; 77(4): 415-421.
72. da Silva MC, Fassa AG, **Kriebel D**. Minor psychiatric disorders among Brazilian ragpickers: a cross-sectional study. *Environmental Health, A Global Access Science Source* 2006; 5:17.
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 36. Markkanen P, Chalupka S, Galligan C, Sama S, Gore R, Kim H, Bello A, Kriebel D, Quinn M, Survey methods and recruitment of a population of home healthcare providers, Presented at the American Public Health Association Conference, Washington, D.C. November 6, 2007.
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41. Kriebel D, Smith TJ. Biologically-based models in exposure assessment and epidemiology II: Applications in dosimetry. X2009 Conference, Boston August 2009.
42. Kriebel D, Jacobs M, Markkanen P, Tickner J. Lessons Learned: Solutions for Workplace Safety and Health. A report of the Lowell Center for Sustainable Production, University of Massachusetts Lowell. January 2011.
43. Kriebel D, Smith TJ, Quinn MM. The missing link: the role of biology in teaching occupational/environmental epidemiology. Presented at X2012, Exposure Assessment in Occupational Health Conference. Edinburgh, 2-5 July 2012.
44. Smith TJ, Kriebel D, Quinn M. Goldilocks and the Three Hypotheses: Teaching exposure assessment in epidemiology. Presented at X2012, Exposure Assessment in Occupational Health Conference. Edinburgh, 2-5 July 2012.
45. Punnett L, Gore RJ, Kriebel D. Random effects models of back pain among nursing home workers. Presented at the Eighth International Scientific Conference on Prevention of Work-Related Musculoskeletal Disorders PREMUS 2013, Busan Korea.
46. Quinn MM, Markkanen PK, Galligan C, Sama S, Kriebel D, Gore R, Punnett L, Laramie AK, Davis L, Brouillette N, Okyere D, Sun C. Risks of occupational safety and health hazards among home care aides. American Public Health Association Annual Meeting, Boston, November 2013.
47. Marucci-Wellman H, Leamon TB, Binh TT, Diep NB, Wegman DH, Kriebel D. Improvements to Surveillance of Work-Related Injuries in a Developing Economy: A Case Study from Vietnam. EPICOH 2013, Utrecht.
48. Punnett L, Gore R, Kriebel D. Back pain among nursing home workers: Persistence within individuals. American Public Health Association, Boston MA, November 2013.
49. Kriebel D, Brouillette N, Markkanen P, Galligan C, Sama S, Gore R, Laramie A, Okyere D, Sun C, Davis L, Quinn M. Preventing needlesticks and other sharps injuries to home care aides: results of a survey to identify hazards during home visits. *Occup Environ Med.* 2014 Jun; 71 Suppl 1:A36-7. doi: 10.1136/oemed-2014-102362.113.
50. Quinn M, Markkanen P, Galligan C, Sama S, Kriebel D, Gore R, Punnett L, Davis L, Laramie A, Brouillette N, Okyere D, Sun C. Quantifying hazardous occupational exposures and injuries in home care: results from the safe home care survey *Occup Environ Med.* 2014 Jun;71 Suppl 1:A39. doi: 10.1136/oemed-2014-102362.120.
51. Quinn MM, Markkanen P, Galligan C, Sama S, Goodyear N, **Kriebel D**, Gore R, Brouillette N, Okyere D, Sun C, Davis L. Safe cleaning and disinfecting for home care aide and client health. Am Public Health Association Annual Meeting, Chicago. October 2015.
52. Okyere D, Quinn MM, Kriebel D, Cifuentes M, Markkanen P, Galligan C, Sama S, Gore R, Brouillette N, Sun C. Evaluating the connection between home care aide and patient safety using the care bond. Am Public Health Association Annual Meeting, Chicago. October 2015.
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Asthma Studies of the 9/11 World Trade Center Attack: Disaster Epidemiology Needed.
Presented at 2016 Epidemiology Congress of the Americas.

55. Farioli A, **Kriebel D**, Mattioli S, Kjellberg K, Hemmingsson T. Association between occupational lifting and rhegmatogenous retinal detachment in a national cohort of Swedish conscripts. *Occup Environ Med* 2017; 74 (Suppl 1), A52-A52.
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58. Quinn M, Galligan C, Lindberg J, Markkanen P, Sama S, Gore R, **Kriebel D**. Respiratory irritant exposures during cleaning and disinfecting in home care: preliminary results from the safe home care study. *Occup Environ Med* 2017; 74 (Suppl 1), A128-A128.
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60. **Kriebel D**. Advancing global health with occupational epidemiology. Plenary Symposium 'EPICOH lifetime achievement award'. *Occ & Env Medicine* 2023. <http://dx.doi.org/10.1136/OEM-2023-EPICOH.3>
61. Rachel D. McCarty, Britton Trabert, Morgan M. Millar, **David Kriebel**, Laurie Grieshober, Mollie E. Barnard, Lindsay J. Collin, Katherine A. Lawson-Michod, Jeffrey A. Gilreath, Douglas Grossman, John Hyngstrom, Paul J. Shami, Jennifer A. Doherty. Tattooing and risk of melanoma: A population-based case-control study in Utah [abstract]. In: Proceedings of the American Association for Cancer Research Annual Meeting 2024; Part 1 (Regular Abstracts); 2024 Apr 5-10; San Diego, CA. Philadelphia (PA): AACR; *Cancer Res* 2024;84(6_Suppl):Abstract nr 2209. https://aacrjournals.org/cancerres/article/84/6_Supplement/2209/735786

INVITED LECTURES

1. Design issues in a morbidity study of beryllium workers--use of animal data to determine appropriate modeling of exposure, lecture for the National Institute for Occupational Safety and Health, Cincinnati, May 1985. with Quinn M. Asbestos exposure in the reprocessed textile industry in Prato, Italy lecture for the Environmental Sciences Laboratory, Mt. Sinai School of Medicine, New York, August, 1985. Physiological models in epidemiology [in Italian], a lecture for the Biomedical sciences and human oncology research group, University of Turin, July 1988. Epidemiologic models incorporating physiologic mechanisms, a lecture for the School of Occupational Health, McGill University, February, 1989. Modeling lung irritant responses, a lecture to the Occupational Medicine Program, University of Massachusetts Medical Center, April 1989. Comments on some epidemiologic aspects of cases involving exposure to toxic chemicals, lecture for a conference on risk assessment for Maine physicians and lawyers, October 1989.

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7. Rapid-onset respiratory pathologies: the possibilities for studies in apprentices[in Italian], a lecture to the Occupational Medicine Services of the Italian National Health Service, Province of Florence, 3 May, 1990.
8. Nonlinear dynamics in models of acute respiratory irritants, a lecture for the Boston
9. Risk Assessment Group/Society for Risk Assessment, 12 April 1990.
10. Formaldehyde exposures and irritant responses in students dissecting cadavers.
11. Yale School of Medicine, January 1992.
The dosimetric model in epidemiology. Yale School of Medicine, January, 1992.
New methods in the application of quantitative exposure data in occupational epidemiology [in Italian]. Epidemiologic Observatory of the Region of Lazio, Rome Italy, June, 1994.
12. Cumulative exposure: conditions for its use as a robust estimator of exposure in occupational epidemiology. Presented at National Institute for Occupational Safety and Health, Cincinnati, September 1994.
13. Industrial Hygiene Assessment of Beryllium Exposed Workers. Invited panel discussant. Conference on Beryllium Related Diseases. National Institute of Environmental Health Sciences. Research Triangle Park NC, November 1994.
14. Acute reversible effects of formaldehyde exposure. Yale School of Medicine, October, 1997.
15. Precautionary Epidemiology. Conference on Genetic Engineering, Science and Environmental Health Network. Amherst, MA June 1999.
16. After War: the Role of Epidemiology. 25th annual meeting of the Italian Epidemiology Association, Venice, October 2001.
17. Epidemiologic Evidence and Causal Inference in Occupational Disease Causation. Yale School of Medicine, October, 2002.
18. Occupational cancer epidemiology: a U.S. perspective [In Italian]. Prevention of Cancer Risks in the workplace. An Italian National Conference. Pisa, Italy February 2003.
19. Sustainable production [In Italian]. Presented at a meeting of Ambiente e Lavoro and the Italian trade union CGIL. Florence, Italy, February 2003.
20. Epidemiology Research Principles and Methods. One day course, with Harvey Checkoway and Neil Pearce. Melbourne, Australia October 17, 2004.
21. Reducing your family's risks. Gloucester, MA, Community Health Forum. March 30, 2005.
22. Precaution: what's epidemiology got to do with it? Invited lecture to the Epidemiology Department, University of North Carolina School of Public Health, February 2007.
23. Occupational Injury Surveillance: What is its role in a rapidly industrializing country? Harvard School of Public Health, April 2007.
24. How much evidence is enough? Conventions of causal inference. Invited paper at The Coronado Conference IV. Conventions in Science and the Law. Bretton Woods, NH, May 2007.
25. Precaution and Uncertainty: Cancer and the Environment. Invited presentation to the American Cancer Society, Atlanta, January 2008.
26. Cancer Prevention through a Precautionary Approach to Environmental Chemicals. Testimony before the President's Cancer Panel, September 2008.
27. Cancer Prevention through a Precautionary Approach to Environmental

- Chemicals. Yale University Department of Occupational and Environmental Medicine, November 2008. Cancer Prevention through a Precautionary Approach to Environmental Chemicals. Washington University in St. Louis, Department of Energy, Environment and Chemical Engineering, March 2009. Sustainable Production: A Path toward Disease Prevention & Health Promotion. National Institute for Environmental Health Sciences, July 21, 2009. Risk, Precaution and the Path to Sustainability. Dipartimento di Epidemiologia del Servizio Sanitario Regionale, Rome Italy, December 16, 2009. Occupational health surveillance: what's epidemiology got to do with it? Mt. Sinai School of Medicine, February 19, 2010. Occupational epidemiology. Presented at the Conference: Epidemiologic Research and Social Commitment. Eva Buiatti's Scientific and Professional Path. Florence Italy, June 29, 2010. Hazard Assessment for Nanotechnology Workers. Presented at Nanomaterials and Worker Health: Occupational Health Surveillance, Exposure Registries, and Epidemiological Research. Keystone CO, July 21-23, 2010. A Biologic Approach to Environmental Assessment and Epidemiology. Invited lecture for the Science Symposium: Emerging Exposure Assessment Methods for Occupational Epidemiology Studies. American Industrial Hygiene Association Conference, Portland OR, May 2011. Dr. Barry Commoner: Reflections on a Life and Work. Webinar sponsored by Collaborative on Health & Environment. Nov 27, 2012. Available at: http://www.healthandenvironment.org/partnership_calls/11453 Sustainable Production: Integrating Occupational and Environmental Health. Universidad Tecnologica Equinoccial, Quito Ecuador, March 2013. Remaking Democratic and Expert Authority in Public and Environmental Health Policy, by Daniel Sarewitz and David Kriebel. Presented at: ~~The Workshop on Good Public Policy: On the Interaction of Political & Expert Authority.~~ Held at the Consortium for Science, Policy & Outcomes, Arizona State University, Washington, DC, June 27, 2013. Retinal Detachment: Research to Identify Preventable Causes. Presented in the Dept. of Clinical Laboratory & Nutritional Sciences Colloquium Series, October 10, 2013. Science, Regulation and a Cancer Free Economy. Presented at UMass Lowell, October 16, 2013. Primary Prevention of Cancer: Environmental and Economic Strategies, presented at Centers for Disease and Control and Prevention, Atlanta, June 12, 2014. Science, Regulation and a Cancer Free Economy, University of Toronto, October 30, 2014. Biological models in epidemiology: the role of biologic information in studies of environmental risks. University of Bologna, April 16, 2015.[In Italian] Invited Opening Keynote Lecture: Occupational epidemiology: thought and action. Presented at the 25th EPICOH Epidemiology in Occupational Health Conference, Universitat Pompeu Fabra, Barcelona Spain, September 4, 2016 Invited Lecture: Occupational epidemiology in the time of Trump. TH Chan Harvard School of Public Health, December 5, 2016.

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45. Invited Lecture: Occupational epidemiology in the time of Trump. UConnHealth Sciences Center, Connecticut Institute for Clinical and Translational Science. February 15, 2017.
46. Invited Lecture – Webinar: Exploring Multifactorial Contributors to Disease Outcomes: The Possible Role of Acetaminophen in Asthma and Autism. Collaborative on Health and Environment, June 7, 2016.
47. Invited Lecture: Opportunities for cancer prevention through elimination of toxic chemicals. University of Bologna, April 7, 2017
48. Invited Lecture: Thoughts on the future of occupational epidemiology. Yale Occupational Medicine Rounds, December 5, 2017.
49. Invited Lecture: COVID-19 Aerosol Exposure in the Workplace. American Conference of Government Industrial Hygienists, Webinar September 15, 2020.
50. Invited Lecture: Roles for the Precautionary Principle in Citizen Science. Postnormal Science Symposium 5, Florence Italy, September 21, 2020.
51. Invited Lecture: Carcinogen Exposures in the Workplace. University of Massachusetts Lowell of Connecticut Occupational Medicine Rounds, February 3, 2021.
52. Invited Lecture: Looking Ahead: Lessons from the Pandemic for Occupational Health. Conference of the Slovenian National Institute of Occupational, Traffic, and Sports Medicine at Fifty: Past Experience for Future Directions. May 18, 2022.
53. Invited Lecture: Evidence synthesis in the context of uncertainties – some lessons from the pandemic. XLVI National Conference of the Italian Epidemiology Association, Padova, June 29, 2022.

D. INSTRUCTION RELATED ACTIVITY

1. Teaching

- Designed and taught (annually): Introduction to Epidemiology and Biostatistics, 19.575.
- Designed and taught (annually): Applied Epidemiologic Methods, 19.682.
- Designed and taught (annually): Quantitative Models for Health & Environment 19.687.
- Designed and taught (annually): Epidemiologic Theory, 19.725.

Taught at least once

- Risk Assessment, 19.683.
- Applied Regression Methods, 19.684
- Research Synthesis for Environmental Health Policy, 19.688.
- Designed and taught: Epidemiology for Environmental Studies, 18.525.
- Designed and taught: Epidemiology Methods II. 19.671 (formerly 19.571).
- Designed and taught: 19.770 Causal Inference, fall 2013
- Designed and taught: 19.727 Meta-analysis and Research Synthesis, spring 2014

Regular lecturer in other courses

- Introduction to the Work Environment, 19.500.
- Toxicology and Health, 19.503.
- Exposure Assessment, 19.610.
- Risk Assessment, 19.683.

Seminar Organizer for:

- Work Environment Seminar, 19.599.
- Work in Progress Seminars, Dept. of Work Environment.
- Epidemiology Research Seminar.

Teaching Awards

- First recipient of the Work Environment Students Association Award for Teaching Excellence, 1992.
- Recipient, Teacher of the Year Award, University of Massachusetts Lowell Graduate Students Association, 1996-97.
- Recipient, Teaching Excellence Award, University of Massachusetts Lowell Student Government Association, 1997-98.
- Work Environment Students Association Award for Teaching Excellence, 2008-09.
- UMass Lowell Student Government Association “Certificate of Excellence” for teaching, 2009-2010.
- Work Environment Students Association Award for Teaching Excellence, 2010-11.
- Work Environment Students Association Award for Teaching Excellence, 2014-15.

Short Courses

- Multivariate modeling in epidemiology, a fourteen-hour course, sponsored by the Region of Tuscany (Italy) Center for Education and Research, and the Center of for the Study and Prevention of Cancer, February-April, 1988.
- Microcomputer-assisted analyses of toxicologic data [in Italian], a ten-hour course for the Institute of Toxicology and Pharmacology, University of Florence, April-May, 1990.
- Occupational epidemiology: advances in exposure assessment, a 40-hour course [in Italian] taught with Margaret M. Quinn, Florence Italy, January 1991, March 1993, June 1994, and June 1996.
- Occupational epidemiology. Michigan Summer Session in Epidemiology, one-week course, July 1996.
- Director of 3-day Module on Analytical Epidemiology in a course on Environmental Epidemiology [in Italian] for Tuscan Regional Environmental Protection Agency, Florence, January 1999.
 - Lecturer in the Epidemiology Master’s Degree Program University of Turin.
 - Lecturer in 1-week course on Cohort Studies, Turin, April 1999, May 2001, May

2003, April 2005, May 2007, April 2009, April 2011, April 2013, April 2015, April 2017, April 2019, November 2021.

- Exposure Assessment and Epidemiology. 3-day course taught by Professors Margaret Quinn and David Kriebel, May 21 through 23rd, 2003. Federal University of Brazil in Campinas (UNICAMP).
- Precaution and science: the limit of epidemiology. Brazil Chemical Workers' Union, Campinas Branch. May 20, 2003. Federal University of Brazil in Pelotas, School of Medicine, Department of Social Medicine. Four-day course taught by Professors Margaret Quinn and David Kriebel, May 27 through 30, 2003.
- Biologically-based Models in Epidemiology. 9-hour course at the National Institute for Occupational Safety and Health, Morgantown WV, Nov. 2008.

DOCTORAL STUDENTS

Graduated

1. Thurman Wenzl, 1992. Estimating worker exposure to power-frequency magnetic fields.
2. Susan Sama, 1996. Metal working fluids and acute respiratory responses.
3. Metoda Dodic-Fikfak, 1998. Lung cancer and exposure to chrysotile and amphiboles.
4. Deborah Thompson, 2001. Breast cancer and exposure to metal working fluids.
5. Ariana Zeka, 2003. Metal working fluids and aerodigestive cancer risk.
6. Robert Wallace, 2003. Improved predictive models for heat stress.
7. Doug Myers, 2003. The role of social networks in workplace injuries.
8. Phil Hunt, 2006. Methods to quantify the contributions of exposures and group characteristics to disease risk in complex occupational exposure models.
9. Kate Adams, 2006. Disease clustering and episodic environmental releases.
10. Grace Sembajwe, 2007. Multilevel models and agreement scores in occupational epidemiology: self-reports and expert judgments in the United for Health Study and the World Health Survey.
11. Hyun Kim, 2008. Improved methods for injury surveillance: sharp injuries in healthcare workers.
12. Nurhayati Prihartono, 2008. Solvent and pesticide exposures and risk of aplastic anemia in Thailand.
13. Helen Marucci-Wellman, 2009. Occupational injury in a Vietnamese commune: a prospective surveillance study.
14. Adel Abou Ali, 2013. Adverse events of selective serotonin reuptake inhibitors (SSRIs): A cohort study using the General Practice Research Database.
15. Lukman Hakim Tarigan, 2014. Prevention of needlestick injuries in Indonesian healthcare workers.
16. Rebecca DeVries, 2014. Short-term effects of outdoor air pollution on respiratory health in susceptible populations.
17. Ann Bauer, 2015. Environmental factors in autism.
18. Junhee Cho, 2017. Health impacts of toxic user reduction policies.
19. Patricia Huerta, 2017. Health benefits of labor unions: can associativity among workers be protective for irritable bowel syndrome?
20. Victor Gonzalo Lopez, 2018. Precarious work, mental health & suicide.
21. Rachel Massey, 2020. Use of firecrackers in recreational settings: Science and policy implications.

22. Devan Hawkins, 2020. Occupational health and the deaths of despair
23. Mark Griffon, 2020. Regulation of high hazard facilities – is the ‘safety case’ approach working?
24. Jessica Burkhamer, 2021. Long-term trends of thyroid and other cancers in adolescents and young adults.
25. Kevin Schott, 2022. Occupational vibration exposure and risk of retinal detachment.

E. SERVICE ACTIVITIES

1. Community Activities Related to Professional Field

- Member, Board of Directors, Neshaminy Valley Watershed Association, 1971 - 1972.
- U.S. Presidential Citation of Excellence for Environmental Protection Services, 1972.
- Co-founder, Union of Young Environmentalists, a national environmental organization, 1973.
- National Environmental Education Advisory Council, U.S. Department of Health, Education and Welfare, Washington, D.C. 1976.
- Member, Board of Directors, Northeastern Wisconsin Health Systems Agency, Green Bay, WI. 1975-77.
- Member, Advisory committee to the Tuscan regional government on hospital waste incineration, 1988.

2. Committee Activities

- Member, UMass Lowell Committee on Honorary Degrees, 1989 - 2003.
- Member of the following Department of Work Environment committees: Student recruitment, Faculty search, Epidemiology concentration, Computer systems, Computer programmer search.
- Member, University-wide Taskforce on Program Moratoria, 1993.
- Department Graduate Coordinator, January - July 1995.
- Department Admissions Coordinator, 1995 - 2008.
- Graduate Certificate in Environmental Risk Assessment, Coordinator, 1995 - present.
- Co-Director, Lowell Center for Sustainable Production, 1996 - present.
- Special Assistant to the Dean for Program Planning, School of Health and Environment, 2003-2008.
- School of Health & Environment Personnel Committee, 2004 – 2005.
- University Rank & Tenure Committee, 2004.