

## CURRICULUM VITAE

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### Education

B.E.S. Chemical Engineering, Johns Hopkins University, 1968

M.S.E. Environmental Engineering, Johns Hopkins University, 1972 (Thesis: *Asbestos: Effects on Health*)

Sc.D. Johns Hopkins School of Hygiene and Public Health, 1985 (Thesis: *Asbestos: An Historical Case Study of Corporate Response to an Industrial Health Hazard*)

### Consulting

U. S. Council on Environmental Quality – 1973

National Science Foundation - 1974

Environmental Defense Fund - 1975 to 1996

Natural Resources Defense Council - 1975 to date

U. S. Federal Trade Commission - 1976

Sierra Club Legal Defense Fund - 1976

Asbestos Litigation Group and Individual Attorneys - 1976 to date

U. S. Congress Office of Technology Assessment - 1977

U. S. Consumer Product Safety Commission - 1977

U. S. Occupational Safety and Health Administration – 1978

Legal Services of Puerto Rico - 1979 to 1981

U. S. Environmental Protection Agency - 1979 to 1981

International Labor Office - 1981

National Academy of Sciences - 1982 to 1984

World Resources Institute - 1983 to 1984

United Nations Centre on Transnational Corporations - 1984 to 1985

State of Maryland Attorney General's Office - 1984 to 1990

U. S. Department of Justice - 1987

Consumers Association of Penang (Malaysia) - 1988 to date

Greenpeace - 1991 to date

African Development Foundation - 1991 to 1992

World Wildlife Fund - 1996

European Commission - 1999 to 2000

Teaching

Lecturer, School of Engineering, Johns Hopkins University

Guest Professor, University of Bremen, Germany, October, 1994

Congressional Testimonies and Written Contributions to the Record

Toxic Substances Control Act of 1973, U. S. Senate Committee on Commerce, 1973. T

Burdens of Proof in Environmental Litigation, U. S. Senate Committee on Commerce, 1975. T

Toxic Substances Control Act, U. S. Senate Committee on Commerce, 1975. WC

Product Liability Insurance, U. S. Senate Committee on Commerce, Science, and Transportation, 1977. WC

Oversight Hearings on Asbestos Health Hazards to Schoolchildren, U. S. House of Representatives Committee on Education and Labor, 1979. WC

Export of Hazardous Products, U. S. House of Representatives Committee on Foreign Affairs, 1980. WC

T = testimony  
WC = written  
comments

Corporate Criminal Liability, U. S. House of Representatives Committee on the Judiciary, 1981. T

EPA's Failure to Regulate Asbestos Exposure, U. S. House of Representatives Committee on Energy and Commerce, 1982. T

Asbestos, U. S. Senate Committee on Health, Education, Labor, and Pensions, 2001. WC

#### Associations and Honors

Fellow, Collegium Ramazzini

Board Member (Environment), U. S. Committee for Scientific Cooperation with Vietnam

Editorial Board, International Journal of Occupational and Environmental Health

Advisory Board, New Solutions

#### Principal Publications

*Asbestos and You*, Center for Science in the Public Interest, Washington, D.C., 1973. (co-author: A. J. Fritsch)

*Health-Related Aspects of Reserve Mining Company Operations*, for U. S. Council on Environmental Quality, 1974.

Hazards of Asbestos for Brake Mechanics. *Public Health Reports* 90:254-56 (1975). (four co-authors)

*The Development of Knowledge about Asbestos Disease*, copyright by the author, Washington, D.C., 1977.

The Export of Hazardous Factories to Developing Nations. *International Journal of Health Services* 9: 569-606 (1979). Originally published in Congressional Record E3559-3567, June 29, 1978.

Hazard Export, *Dusts and Disease* (Eds. R. Lemen and J. Dement), Pathotox Publishers, Park Forest South, Illinois, pp. 521-23 (1979).

Asbestos Disease and Compensation. *Annals of the New York Academy of Sciences* 330: 273-280 (1979). (co-author: R. E. Sweeney)

Impending Proliferation of Asbestos. *International Journal of Health Services* 10: 389-403 (1980). (co-author: M. J. Vera Vera)

The Case for Criminal Sanctions in Preventing Occupational Diseases. Exhibit A: Asbestos. *Dangerous Properties of Industrial Materials Report* 1(1): 8-17 (1980).

The Back Door is Open for Chemical Wastes. *Dangerous Properties of Industrial Materials Report* 1(2): 2-4 (1980).

Double Standards: Asbestos in India. *New Scientist* 89: 522-23 (Feb. 26, 1981).

Response to Levenstein-Eller Critique. *International Journal of Health Services*. 11: 311-313 (1981).

More on the International Asbestos Business. *International Journal of Health Services* 11: 339-40 (1981).

Export of Industrial Hazards to India. *Economic and Political Weekly* (Bombay) 16: 1057-58 (June 13, 1981). (co-authors: R. Madan and R. Mayes)

Regulations Affecting the Use of Carcinogens. *Cancer Causing Chemicals* (Ed. N. I. Sax), Van Nostrand Reinhold, New York, pp. 78-98 (1981).

The Double Standard in Industrial Hazards. *Public Health Reviews* 9: 169-184 (1981).  
Republished in *International Journal of Health Services* 13: 5-14 (1983).

*Asbestos: Medical and Legal Aspects*, Aspen Law & Business, Englewood Cliffs, NJ (1984).  
Second Ed. 692 pp., 1986. Third Ed. 776 pp., 1990. Fourth Ed. 940 pp., 1996.

The Double Standard in Industrial Hazards; and, The Bhopal Disaster as a Case Study in Double Standards (co-author: Prabir Purkayastha) *The Export of Hazard* (Ed. J. H. Ives), Routledge & Kegan Paul, Boston, pp. 60-93, 213-222, 1985.

Workplace Health Standards and Multinational Corporations in Developing Countries. *Multinational Corporations, Environment, and the Third World* (Ed. C. Pearson), Duke Univ. Press, pp. 149-172, 1987.

International Mobility of Hazardous Products, Industries, and Wastes. *Annual Reviews of Public Health* 8: 1-19 (1987). (co-author: V. Navarro)

Corporate Influence on Threshold Limit Values. *American Journal of Industrial Medicine* 13: 531-559 (1988). (co-author: G. Ziem)

Corporate Standards Applied Internationally. *Global Development and Environment Crisis... Has Humankind a Future?* Asia-Pacific People Environment Network, Penang, Malaysia, 1988, pp. 397-399.

Toxic Pollutants, Science, and Corporate Influence (Editorial). *Archives of Environmental Health* 44: 68, 127 (1989). (co-author: G. Ziem)

Threshold Limit Values: Historical Perspectives and Current Practice. *Journal of Occupational Medicine* 31: 910-918 (1989). (co-author: G. Ziem)

Controversies over the Threshold Limit Values. *Workers Health International Newsletter*, Sheffield, U. K. (Nov-Dec., 1989). (co-author: G. Ziem)

Letters to the Editors. *Archives of Environmental Health* 45: 250 (1990). (co-author: G. Ziem)

Product Stewardship or Bans: Asbestos in the Third World. *Proceedings of the VIIth International Pneumoconioses Conference*, U. S. Dept. of Health and Human Services, Part II, pp. 975-977. (1990).

Environmental Review of Industrial Projects Evaluated by Developing Countries. *New Solutions*, pp. 75-76 (Summer, 1991). (co-author: G. Ziem)

Asbestos and Cancer: History and Public Policy. *British Journal of Industrial Medicine* 48: 427-430 (1991).

Canada's Growth Market: Asbestos Cancer in the Third World. *Breath Taken*, Center for Visual Arts in the Public Interest, 1991, pp. 43-46.

Asbestos Fact Sheet for African Development Foundation, Washington, D.C., March, 1992.

Corporate Influence on Exposure Standards for Toxic Substances. In, *Indoor Air Quality in Asia* (Ed. BR Reverente, DF Weetman, M Wongphanich), Tyne & Wear, United Kingdom: Jasprint, 1993, pp. 25-35. (co-author: G. Ziem)

Remembering Harriet Hardy. *New Solutions*, pp. 33-34 (Spring, 1994).

Scientific Objectivity and the Chrysotile Controversy. *Occupational and Environmental Medicine* 51: 431 (1994).

American Conference of Governmental Industrial Hygienists: Low Threshold of Credibility. *American Journal of Industrial Medicine* 26: 133-143 (1994). (co-author: G. Ziem)

Building a Future Without Asbestos. *New Solutions* 5(2): pp. 58-63 (Winter, 1995).

The Migration of Industrial Hazards. *International Journal of Occupational and Environmental Health* 1: 85-96 (1995). Republished in *Third World Resurgence* (Penang, Malaysia) Issues 60-61, 1995; *CUAMM Notizie Salute e Sviluppo*, pp 13-19 (Sept./Dec. 1995); and *Globalizacao e Trabalho*, Calderno CRH 24/25, 41-67.

Business Ethics and Threshold Limit Values. *American Journal of Industrial Medicine* 28: 299-300 (1995). (co-author: G. Ziem)

Letter to World Health Organization, International Labor Office, United Nations Environment Program, and International Program on Chemical Safety. *Archives of Environmental Health* 51: 338-339 (1996). (80 co-authors)

Cleaning Up the Mess at IPCS. *International Toxics Investigator* (Greenpeace), Third quarter, 1996, 19-20.

Responsible Care and the Third World. *Environmental Health Perspectives* 105: 16-17 (1997).

How Threshold Limits for Lead Were Established in the 1950s. *American Journal of Industrial Medicine* 32: 702-703 (1997).

The Manipulation of International Scientific Organizations (Editorial). *International Journal of Occupational and Environmental Health* 4: 53-55 (1998). Reprinted in *Third World Resurgence* (Penang, Malaysia) Issue 95, 1998. (Co-author: R. Lemen)

Working with Asbestos in Russia. *International Journal of Occupational Health* 4: 56-58 (1998).

Open Letter to the Editor of Salud Ocupacional. *International Journal of Occupational and Environmental Health* 4: 131-133 (1998). (18 Co-authors) Reprinted in *International Journal of Occupational Medicine and Environmental Health* 11: 195-197 (1998).

Challenge for the 21st Century – how to prevent the global asbestos epidemic from expanding. *Proceedings of the Asbestos Symposium for the Countries of Central and Eastern Europe* Helsinki, Finnish Institute of Occupational Health, 1998, pp. 21-32. (Co-author: R. Lemen)

Globally Asbestos-free Automobiles. *International Journal of Occupational and Environmental Health* 4: 277-278 (1998).

Global Corporate Policies and International “Double Standards” in Occupational and Environmental Health. *International Journal of Occupational and Environmental Health* 5: 61-64 (1999).

Globally Asbestos-Free Automobiles (letters). *International Journal of Occupational and Environmental Health* 5: 242-243 (1999).

The WTO and the Right to a Safe Workplace: The Asbestos Case. *Multinational Monitor* 20: 22 (Oct/Nov 1999).

The WTO Asbestos Case and Its Health and Trade Implications. *New Solutions* 9: 371-374 (1999).

Re: Call for an International Ban on Asbestos: Why Not Ban Asbestos? *American Journal of Industrial Medicine* 37: 239-240 (2000).

In the Company of Asbestos. *The Lancet* 356: 861-862 (2000).

Global Corporate Policy Investigation Needed to Promote the Transfer of Clean Technology. *European Journal of Oncology* 5: (suppl. 2) 147-149 (2000).

Controversies at International Organizations over Asbestos Industry Influence. *Epidemiologia & Prevenzione* 24: 7-11 (2000) [in Italian]. Revised, in *International Journal of Health Services* 31: 193-202 (2001).

Re: Doll's 1955 Study on Cancer from Asbestos. *American Journal of Industrial Medicine* 39: 237-240 (2001).

Heroism in Occupational Health. *International Journal of Health Services* 31: 669-672 (2001).

The International Commission on Occupational Health (ICOH) and Its Influence on International Organizations. *International Journal of Occupational and Environmental Health* 8:156-162 (2002). (17 co-authors)

WTO Confidential: The Case of Asbestos. *International Journal of Health Services* 32: 489-501 (2002). Reprinted in *New Solutions* 13: 73-85 (2003).

Primary Prevention of Cancer. *The Scientist* 16:10-11 (2002). (11 co-authors)

Letter to Dr. Gro Harlem Brundtland, Director-General, WHO. *International Journal of Occupational and Environmental Health* 8: 271-273 (2002). (30 co-authors)

The Crisis in U.S. and International Cancer Policy. *International Journal of Health Services* 32: 669-707 (2002). (7 co-authors)

WHO Handling of Conflict of Interest. *International Journal of Occupational and Environmental Health* 9: 92 (2003). (16 co-authors)

Books/ Toxic Corporate Crime. Review of: Deceit and Denial/The Deadly Politics of Industrial Pollution. *The Lancet* 361: 1753 (2003).

"Controlled Use" of Asbestos. *International Journal of Occupational and Environmental Health* 9: 294-298 (2003).

Book Review: Asbestos Blues/ Labour, Capital, Physicians, and the State in South Africa. *International Journal of Occupational and Environmental Health* 10: 242-243 (2004).

P.W.J. Bartrip's Attack on Dr. Irving J. Selikoff. *American Journal of Industrial Medicine* 46: 151-155 (2004). (7 co-authors)

Texaco and Its Consultants. *International Journal of Occupational and Environmental Health* 11: 217-220 (2005). (60 co-authors)

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Vinyl Chloride: A Case Study of Data Suppression and Misrepresentation. *Environmental Health Perspectives* 113: 809-812 (2005). (co-authors: J.B. Sass and D. Walinga)

Bon Vivant Scientists. *International Journal of Occupational and Environmental Health* 11: 329-330 (2005).