

## CURRICULUM VITAE

### **THEODORA (THEO) EMILY DECKER COLBORN**

#### **POSITION**

2013-2014 President Emeritus, TEDX (The Endocrine Disruption Exchange)  
2003-2013 President, TEDX (The Endocrine Disruption Exchange)  
2008-2014 Professor Emeritus, University of Florida, Gainesville, Department of Biology  
2004-2007 Professor, University of Florida, Gainesville, Department of Zoology  
1993-2003 Senior Scientist and Director, Wildlife and Contaminants Program, World Wildlife Fund  
1990-1993 Senior Fellow, W. Alton Jones Foundation  
1988-1993 Senior Fellow, World Wildlife Fund (on sabbatical, 1990-1993)  
1987-1990 Consultant, Environmental Health Analyst  
1987-1988 Associate, Conservation Foundation, Washington, DC  
1985-1987 Congressional Fellow (1985-1986) and Analyst (1986-1987), Office of Technology Assessment, US Congress

#### **EDUCATION**

1985 University of Wisconsin-Madison, Ph.D. Zoology (distributed minors in epidemiology, toxicology, and water chemistry).  
1981 Western State College of Colorado, Gunnison, M.A. Science (fresh-water ecology).  
1979 - 1980 Rocky Mountain Biological Laboratory, Summer Field Research.  
1947 Rutgers University, College of Pharmacy, B.Sc.

#### **APPOINTMENTS**

Board of Scientific Advisors, Healthy Child Healthy World, 2007-2014.  
Board of Scientific Advisors, Children's Health Environmental Coalition (CHEC), 2006-2007.  
Board of Directors, Rachel Carson Council, 2006-2010.  
Scientific Advisor, Rachel's Action Network, 2000-2014.  
US-Canada International Joint Commission, Work Group in Ecosystem Health, Science Advisory Board, 1993-2007.  
United Nations Educational, Scientific and Cultural Organization (UNESCO), Council on the Future, 1999-2014.  
Health Canada, Environmental Health Division, Toxic Substances Research Initiative, Science Managers' Committee, 1999-2003.  
U.S. Environmental Protection Agency, Endocrine Disruptor Methods Validation Subcommittee (EDMVS), 2001-2003.  
Battelle, Endocrine Disruptor Screening Program, Scientific Advisory Panel, 2001-2002.  
U.S. Environmental Protection Agency, Consultant to Science Advisory Board, 2000-2002.  
US Environmental Protection Agency, Endocrine Disruptor Screening and Validation Task Force, 1999-2000.  
US Environmental Protection Agency, Endocrine Disruptor Screening and Testing Advisory Committee (EDSTAC), 1996-1998.  
US Environmental Protection Agency, Science Advisory Board, Research Strategies Advisory Committee, 1995-2002.  
US-Canada International Joint Commission, Health Professionals Task Force, 1995-1999.  
National Research Council, Committee to Review the Department of Interior's Biomonitoring of Environmental Status and Trends Program, 1994-1996.  
Agency for Toxic Substances and Disease Registry, Bloomington, Indiana Polychlorinated Biphenyls (PCB) Project, Expert Panel, 1993.  
National Public Radio, Living on Earth, Science Advisory Board, 1993-2002.  
Canadian Wildlife Toxicology Fund, Review Panel, 1992-1996.  
US Environmental Protection Agency and US Food and Drug Administration co-sponsored "Workshop on Developmental Neurotoxic Effects Associated with Exposure to PCBs," Review Panel, 1992.  
Agency for Toxic Substances and Disease Registry (ATSDR), Great Lakes Human Health Research Committee, authorized under the Great Lakes Critical Program Act of 1990, Science Advisory Consultant Group, 1992-1993.  
US Fish and Wildlife Service, Patuxent Research Review Panel, Chair, Environmental Contaminants Research Team, Blue Ribbon Panel, 1991.  
Great Lakes Protection Fund, Advisory Council, 1991-1994.  
International Joint Commission, Biological Effects Subcommittee, Science Advisory Board, 1990-1994.

Gubernatorial Appointee, Colorado Natural Areas Program, Dept. of Natural Resources, (1978-1986). Chair, 1982-1985.

### **AWARDS OR RECOGNITION**

The Jonathan Foreman Award, American Academy of Environmental Medicine, October 2014.  
The Jean and Leslie Douglas Pearl Award, December 2013.  
Twenty-Seventh International Neurotoxicology Conference, Theo Colborn Award, November 2011.  
Honorary Doctor of Science Degree, University of Colorado, Boulder, May 2011.  
French National Museum of Natural History, Medal, April 2011  
The Swedish Goteborg Prize for the Environment and Sustainability, November 2008.  
TIME Global Environmental Heroes Award, October 2007.  
National Council on Science and the Environment, Lifetime Achievement Award, February 2007.  
University of California San Francisco Medical School/Collaborative for Health and the Environment 2007 Summit Award: A Woman on the Forefront: Leadership and Integrity in Science, January 2007.  
Beyond Pesticides, 2006 Dragonfly Award, April 2006.  
The Center for Science in the Public Interest, Rachel Carson Award, May 2004.  
Society of Toxicology and Environmental Chemistry, Rachel Carson Award, November 2003.  
International Blue Planet Prize, Asahi Glass Foundation, Japan, October 2000.  
Norwegian International Rachel Carson Prize, June 1999.  
Audubon Magazine: A Century of Conservation, 100 Champions of Conservation, 1998.  
State of the World Forum, Mikhail Gorbachev, "Change Makers Award," November 1997.  
Rachel Carson Leadership Award, Chatham College, June 1997.  
United Nations Environment Programme (UNEP), Women Leadership in the Environment Award, March 1997.  
National Conservation Achievement Award in Science, National Wildlife Federation, 1994.  
Pew Scholars Award in Environment and Conservation, June 1993-1996.  
W. Alton Jones Foundation, Fellowship, June 1990-1993.  
The National Water Alliance Award for Excellence in Protecting the Nation's Aquatic Resources, June 1991.  
US Congressional Fellowship, Office of Technology Assessment, 1985.

### **PEER REVIEWED PUBLICATIONS**

Bolden AL, Kwiatkowski C, **Colborn T**. New look at BTEX: are ambient levels a problem? Environmental Science and Technology doi: 10.1021/es505316f.

**Colborn T**, Schultz K, Herrick L, and Kwiatkowski C. 2014. An exploratory study of air quality near natural gas operations. Human and Ecological Risk Assessment 20(1):86-105.

Vandenberg LN, **Colborn T**, Hayes TB, Heindel JJ, Jacobs DR Jr, Lee DH, Shioda T, Soto AM, Vom Saal FS, Welshons WV, Zoeller RT. 2013. Regulatory decisions on endocrine disrupting chemicals should be based on the principles of endocrinology. Reproductive Toxicology 38: 1-15.

Vandenberg LN, **Colborn T**, Hayes TB, Heindel JJ, Jacobs DR Jr, Lee DH, Shioda T, Soto AM, Vom Saal FS, Welshons WV, Zoeller RT, Myers JP. 2012. Hormones and Endocrine-Disrupting Chemicals: Low-Dose Effects and Non-monotonic Dose Responses. Endocrine Reviews 33(3):378-455.

**Colborn T**, Kwiatkowski C, Schultz K, Bachran M. 2011. Natural Gas Operations from a Public Health Perspective. Human and Ecological Risk Assessment 17(5):1039-1056.

Myers JP, vom Saal FS, Akingbemi BT, Arizono K, Belcher S, **Colborn T**, Chahoud I, Crain DA, Farabollini F, Guillette LJ Jr, Hassold T, Ho SM, Hunt PA, Iguchi T, Jobling S, Kanno J, Laufer H, Marcus M, McLachlan JA, Nadal A, Oehlmann J, Olea N, Palanza P, Parmigiani S, Rubin BS, Schoenfelder G, Sonnenschein C, Soto AM, Talsness CE, Taylor JA, Vandenberg LN, Vandenberg JG, Vogel S, Watson CS, Welshons WV, Zoeller RT. 2009. Re: Good laboratory practices and safety assessments. [Response to Becker et al Environmental Health Perspectives 117(11):A482-483]. Environmental Health Perspectives 117(11):A483-484.

Myers JP, vom Saal FS, Akingbemi BT, Arizono K, Belcher S, **Colborn T**, Chahoud I, Crain DA, Farabollini F, Guilleffe LJ, Hassold T, Ho SM, Hunt PA, Iguchi T, Jobling S, Kanno J, Laufer H, Marcus M, McLachlan JA, Nadal A, Oehlmann J, Olea N, Palanza P, Parmigiani S, Rubin BS, Schoenfelder G, Sonnenschein C, Soto AM, Taisness CE, Taylor JA, Vandenberg LN, Vandenberg JG, Vogel S, Watson CS, Welshons WV, Zoeller RT. 2009. Why public health

- agencies cannot depend upon 'Good Laboratory Practices' as a criterion for selecting data: The case of bisphenol-A. *Environmental Health Perspectives* 117(3):309-315.
- Colborn T**, Carroll LE. 2007. Pesticides, sexual development, reproduction, and fertility: Current perspective and future direction. *Human and Ecological Risk Assessment* 13(5):1078-1110.
- Colborn T**. 2006. A case for revisiting the safety of pesticides: A closer look at neurodevelopment. *Environmental Health Perspectives* 114(1):10-17.
- Colborn T**. 2004. Endocrine disruption overview: Are males at risk? In: *Hypospadias and Genital Development*, Baskin L (ed), Kluwer Academic/Plenum Publishers, pp. 189-201.
- Colborn T**. 2004. Neurodevelopment and endocrine disruption. *Environmental Health Perspectives* 112(9):944-949.
- Vom Saal F, Palanza P, **Colborn T**, Parmigiani S. 2003. Exposure to very low doses of endocrine disrupting chemicals (EDCs) during fetal life permanently alters brain development and behavior in animals and humans. In: *Proceedings of the International Seminar on Nuclear War and Planetary Emergencies, 27th Session, Erice, Sicily, 18-26 August 2002*, Ragiani RC (ed), World Scientific Publishers, Singapore, pp. 293-308.
- Colborn T**, Smolen MJ. 2002. Cetaceans and contaminants. In: *Toxicology of Marine Mammals*, Bossert G, Vos J, Fournier M (eds), Taylor and Francis, UK, pp. 291-332.
- Derocher A, Wiig O, Larsen TS, **Colborn T**, Wolkers H, Schlabach M. 2002. Contaminants in Svalbard polar bear samples archived since 1967 and possible population level effects. *Science of the Total Environment* 301(1-3):163-174.
- Brucker-Davis F, Thayer K, **Colborn T**, Fenichel P. 2002. Perchlorate: Low dose exposure and susceptible populations. *Thyroid* 12(8):739.
- Colborn T**. 2002. Clues from wildlife to create an assay for thyroid system disruption. *Environmental Health Perspectives* 110(Suppl. 3):363-367.
- Bauer, R, **Colborn T**, Palanza P, Parmigiani S, vom Saal F (eds). 2002. Special Issue: Endocrine Disruptors. *Environmental Health Perspectives* 110(Suppl. 3). Preface by **T Colborn**.
- Colborn T**. 2002. Endocrine disruption: Interface between wildlife and humans. In: *Conservation Medicine: Ecological Health in Practice*, Aguirre AA, Ostfeld RS, Tabor GM, House C, Pearl MC (eds), Oxford University Press, pp. 62-75.
- Baskin LS, Himes K, **Colborn T**. 2001. Hypospadias and endocrine disruption: Is there a connection? *Environmental Health Perspectives* 109(11):1175-1183.
- Brucker-Davis F, Thayer K, **Colborn T**. 2001. Significant effects of mild endogenous hormonal changes in humans. *Environmental Health Perspectives* 109(Suppl. 1):21-26.
- Colborn T**, Thayer K. 2000. Aquatic Ecosystems: Harbingers of endocrine disruption. *Ecological Applications* 10(4):949-957.
- Fournier M, Degas V, **Colborn T**, Omara FO, Denizeau F, Potworski EF, Brousseau P. 2000. Immunosuppression in mice fed on diets containing beluga whale blubber from the St. Lawrence Estuary and Arctic populations. *Toxicology Letters* 112-113:311-317.
- DeVito M, Biegel L, Brouwer A, Brown S, Brucker-Davis F, Cheek Oliver Cheek, A, Christensen R, **Colborn T**, *et al.* 1999. Screening methods for thyroid hormone disruptors. *Environmental Health Perspectives* 107(5):401-415.
- Colborn T**, Short P, Gilbertson M (eds). 1999. Special Issue: Health Effects of Contemporary-Use Pesticides: The Wildlife/Human Connection. *Toxicology and Industrial Health* 15(1-2):1-275.
- Short P, **Colborn T**. 1999. Pesticide use in the US and policy implications: A focus on herbicides. *Toxicology and Industrial Health* 15(1-2): 240-275.
- Colborn T**. 1998. Endocrine disruption from environmental toxicants. In: Rom WN (ed) *Environmental and Occupational Medicine*, 3rd Edition. Lippincott-Raven Publishers, Philadelphia, pp. 807-815.
- Ankley G, **Colborn T**, Mihaich E, Stahl R, Tillitt D, *et al.* 1998. Overview of a workshop on screening methods for detecting potential (anti-) estrogenic/androgenic chemicals in wildlife. *Environmental Toxicology and Chemistry* 17(1):68-87.
- Colborn T**, Smolen MJ, Rolland R. 1998. Environmental neurotoxic effects: The search for new protocols in functional teratology. *Toxicology and Industrial Health* 14 (1-2):9-23.
- Colborn T**, vom Saal FS, Short P (eds). 1998. Environmental endocrine-disrupting chemicals: Neural, endocrine, and behavior effects. *Toxicology and Industrial Health* 14(1-2):1-365.
- Ludwig JP, Summer CL, Auman HJ, Gauger V, Bromley D, Giesy JP, Rolland R, **Colborn T**. 1997. The roles of organochlorine contaminants and fisheries bycatch in recent population changes of Black-footed and Laysan Albatrosses in the North Pacific Ocean. In: *Albatross Biology and Conservation*, Robinson G, Gales R (eds), Surrey Beatty & Sons, Chipping Norton, pp. 225-238.

- Auman HJ, Ludwig JP, Giesy JP, **Colborn T**. 1997. Plastic ingestion by Laysan Albatross chicks on Sand Island, Midway Atoll, in 1994 and 1995. In: Albatross Biology and Conservation, Robinson G, Gales R (eds), Surrey Beatty & Sons, Chipping Norton, pp. 239-244.
- Colborn T**, Smolen MJ. 1997. Endocrine disruption: Hidden threats to wildlife. *Endangered Species Update* 14(9-10):6- 10.
- Jones PD, Hannah DJ, Buckland SJ, Day PJ, Leathem SV, Porter LJ, Auman HJ, Sanderson TJ, Summer C, Ludwig JP, **Colborn T**, Giesy JP. 1996. Persistent synthetic chlorinated hydrocarbons in albatross tissue samples from Midway Atoll. *Environmental Toxicology and Chemistry* 15(10):1793-1800.
- Auman HJ, **Colborn T**, Froese KL, *et al.* 1996. PCBS, DDE, and TCDD-EQ in two species of Albatross on Sand Island, Midway Atoll, North Pacific Ocean. *Environmental Toxicology and Chemistry* 16(3):498-504.
- Colborn T**. 1996. The Great Lakes: A model for global concern. In: *Interconnections Between Human and Ecosystem Health*, Di Guillo RT, Monosson E (eds), Chapman & Hall Publishers, London, pp. 86-102.
- Colborn T**, Smolen MJ. 1996. An epidemiological analysis of persistent organochlorine contaminants in cetaceans. *Reviews of Environmental Contamination and Toxicology* 146:91-172.
- Colborn T**. 1995. Environmental estrogens: Health implications for humans and wildlife. *Environmental Health Perspectives* 103(Suppl. 7):135-136.
- Colborn T**. 1995. Pesticides - How research has succeeded and failed in transforming policy: Endocrinological effects in wildlife. *Environmental Health Perspectives* 103(Suppl. 6):81-85.
- Colborn T**, Gilbertson M, Rolland RM (eds). 1995. Wildlife Development. Environmentally-induced alterations in development: A focus on wildlife. *Environmental Health Perspectives* 103(Suppl. 4).
- Colborn T**. 1994. The wildlife/human connection: Modernizing risk decisions. *Environmental Health Perspectives* 102(Suppl. 12):55-59.
- Colborn T**, Soto A, vom Saal F. 1993. Developmental effects of endocrine-disrupting chemicals in wildlife and humans. *Environmental Health Perspectives* 101(5):378-384.
- Clement C, **Colborn T** (eds). 1992. Chemically-Induced Alterations in Sexual and Functional Development: The wildlife/human connection. *Advances in Modern Toxicology Volume XXI*, Princeton Scientific Publishing Inc. Princeton, NJ, 403 pp. ISBN: 0-911131-35-3.
- Colborn T**. 1991. Nontraditional evaluation of risk from fish contaminants. In: *Proceedings of a Symposium on Issues in Seafood Safety*, Ahmed F (ed), Institute of Medicine, National Academy of Sciences, pp. 95-122.
- Colborn T**. 1991. Epidemiology of Great Lakes bald eagles. *Journal of Toxicology and Environmental Health* 33:395-453.
- Colborn T**. 1991. Global implications of Great Lakes wildlife research. *Journal of International Environmental Affairs* 3(1):3-25.
- Blackwelder B, **Colborn T**, Harding B. 1987. Alternatives to traditional water management in the United States. *Ambio* 16(1):32-37.
- Colborn T**. 1987. *Pteronarcys californica* Newport: Mortality and cadmium accumulation at three stations on the Gunnison River, Gunnison County, Colorado. In: *Heavy Metals in the Environment, Vol. 2*, Lindberg SE, Hutchinson TC (eds), 3 pp.
- Colborn T**. 1986. The use of the stonefly, *Pteronarcys californica* Newport, as a measure of biologically available cadmium in a high altitude river system, Colorado, USA. *Water Quality Bulletin, World Health Organization* 11(3):141-147.
- Colborn T**. 1982. Measurements of low levels of molybdenum in the environment using aquatic insects. *Bulletin of Environmental Contamination and Toxicology* 29:422-428.
- Colborn T**. 1982. Aquatic insects as measures of trace element presence in water, cadmium and molybdenum. In: *Aquatic Toxicology and Hazard Assessment*, Pearson JB, Foster RB, Bishop WE (eds). ASTM, STP 766, pp. 316-325.

#### **OTHER PUBLICATIONS AND REPORTS**

- Colborn T**. 2014. Jobs in the oil patch – a realistic look. *High Country News*.
- Colborn T**. 2009. DVD: What You Need to Know About Natural Gas Production. EPA Grant # EQ-97838701-0. <http://www.endocrinedisruption.com/chemical.videoplayer.php>
- Colborn T**. 2004. Commentary: Setting aside tradition when dealing with endocrine disruptors. *ILAR Journal* 45(4):394-400.
- Colborn T**, Carson L. 2002. Autism and the Environment: Is the environment harming our children? *Autism Advocate* 35 (3):21-24.

- Colborn T.** 2002. A call for inner space research: Assuring the integrity of future generations. In: A Better Future for the Planet Earth, Vol. II, Lectures by the Winners of the Blue Planet Prize, Asahi Glass Foundation, Tokyo, pp. 167-187.
- Colborn T.** 2001. Say no to toxic hitch-hikers. *Ecosystem Health* 7(4):192-194.
- Colborn T.** 2000. Peace. In: Architects of Peace, Collopy M, Gardner J (eds), New World Library, Novato, CA, 1 p.
- Colborn T.** 1998. Building scientific consensus on endocrine disruptors. *Environmental Toxicology and Chemistry* 17(1):1-2.
- Colborn T.** 1997 Dec. Screening and testing chemicals for prenatal exposures and effects. The Risk Advisory, American Chemical Society, Washington DC.
- Colborn T, de Fur PL.** 1996. Endocrine disruptors: Opening Pandora's box, SETAC News 16(4) :10-11.
- Colborn T.** 1996. From Silent Spring (1962) to Wingspread (1991). Comments on Toxicology 4(4-5):319-328.
- Colborn T, Dumanoski D, Myers JP.** 1996. Our Stolen Future. Dutton, New York, NY, 306 pp.
- Colborn T.** 1994/5. Chlorine: Dispelling seeds of doubt and disaster, In: Environment Strategy America, Reilly W (ed), pp 60-61.
- Colborn T.** 1992. Co-author: Health effects section of the EPA Great Waters Report to Congress, authorized under the Clean Air Act Amendments of 1990.
- Colborn T.** 1991. Environmental degradation and health care costs. Book review of Health and the Global Environment, Ross Hume Hall RH (ed), Chemical and Engineering News 69(50):25-26.
- Colborn T, Duda A, Gilbertson M.** 1991. IJC fosters use of forensic approach to identify ecosystem effects of persistent toxic substances. Focus on International Joint Commission Activities 16(2):7-10.
- Colborn T, Myers JP.** 1991. Blundering questions, weak answers lead to poor pesticide policies and rebuttal: Immense unknowns characterize the assessment of pesticide risks. News Forum, Chemical and Engineering News (1991 Jan 7):40-43.
- Colborn T.** 1990. The wildlife connection: wetlands and toxicology. National Wetlands Newsletter 12(5):17-18.
- Colborn T, Liroff RA.** 1990. Toxics in the Great Lakes. EPA Journal 16(6):5-8.
- Colborn T.** 1989. The high price of progress. Book review: High Tech Holocaust, J. Bellini (ed) Chemical and Engineering News 67(44):65-68.
- Colborn T, Davidson A, Green SN, Hodge RA, Jackson CL, Liroff RA (eds).** 1990. Great Lakes: Great Legacy? The Conservation Foundation and The Institute for Research on Public Policy, Washington, DC.
- Colborn T.** 1990. Innovative approaches for evaluating human health in the Great Lakes Basin using wildlife toxicology and ecology. Report to the Health Effects Committee of the Science Advisory Board, International Joint Commission.
- Colborn T.** 1989. The impacts of Great Lakes toxic chemicals on human health. A Working Paper Report to the Environmental Health Directorate, Canada.
- Colborn T, Chudnoff J, Friedman RM, Harrison K, Milford JB, Rapoport RD, Szabo NB (eds).** 1989. Catching our Breath: Next Steps for Reducing Urban Ozone. Congress of the United States, Office of Technology Assessment, 238 pp.
- Colborn T.** 1989. Background Paper - An overview of toxic substances and their effects in the Great Lakes Basin Ecosystem. Report to Health Effects Committee, Science Advisory Board, International Joint Commission.
- Colborn T.** 1988. The use of toxicity equivalency as a complement to biomonitoring and wildlife research in the Great Lakes. Report to Environmental Results Branch, Office of Policy, Management, Planning and Evaluation, U.S. Environmental Policy Agency.
- Colborn T.** 1988. The Great Lakes toxics working paper. Environmental Interpretation Division, Environment Canada.
- Barnard W, Colborn T, Ham, J, Johnson P, Pauli D.** 1988. Using desalination technologies for water treatment. Congress of the United States, Office of Technology Assessment.
- Colborn T.** 1985. The use of the stonefly, *Pteronarcys californica* Newport, as a measure of bioavailable cadmium in a high-altitude river system, Gunnison County, Colorado. Ph.D. Thesis, University of Wisconsin, Department of Zoology.
- Colborn T.** 1981. Aquatic insects as measures of trace element presence: cadmium and molybdenum. Master's Thesis, Western State College of Colorado.

#### **SELECTED PROFESSIONAL ACTIVITIES**

**Natural gas operations, air emission exposure, and recommendations to the healthcare community.** (Video) Continuing Medical Education (CME) course implemented by Physicians Scientists and Engineers for Healthy Energy (PSE), April 2014.

- Hearing on draft rules of statewide setbacks.** (Testified) Colorado Oil and Gas Conservation Commission, Denver, CO, January 9, 2013.
- Letter to the President about chemicals disrupting our bodies.** (Video) TEDxMidAtlantic, Washington, DC, October 26, 2012.
- Beyond lists: Where did all those pesticides come from?** (Speaker) Beyond Pesticides' 29<sup>th</sup> National Pesticide Forum, Denver, CO, April 8, 2011.
- Plastic planet: Stemming the tide of waste.** (Speaker) Aspen Environment Forum, The Aspen Institute and National Geographic. Aspen, CO, July 26, 2010.
- Endocrine disruption: Are males at risk?** (Speaker) American Fisheries Society Annual Meeting. Salt Lake City, UT, April 22, 2010.
- Current status of endocrine disruption research and regulatory issues.** (Speaker) AAAS Annual Meeting, San Diego, CA, February 20, 2010.
- Why health is an issue: Our chemical buildings.** (Speaker/Panelist) Build Well Symposium, Sausalito, CA, January 28, 2010.
- Hydro-fracking for natural gas: How this "clean" fuel technology threatens our water, our health, our landscapes and our energy future.** (Speaker/Panelist) A Public Program and Symposium, the Cooper Union Institute for Sustainable Design. New York, NY, April 14-15, 2010.
- Overdose: How drugs and chemicals in water and the environment are harming fish and wildlife.** (Testified) US House Committee on Natural Resources Subcommittee on Insular Affairs, Oceans, Washington, DC, June 9, 2009.
- Potential health effects of residues in oil and gas drilling reserve pits in New Mexico.** (Testified) New Mexico Oil Conservation Division Hearing on New Rules for Oil and Gas Pits. Santa Fe, NM, November 13, 2007.
- The need for full disclosure of chemicals used to produce and deliver natural gas.** (Testified) US House Committee on Oversight and Government Reform, The Applicability of Federal Requirements to Protect Public Health and the Environment from Oil and Gas Development. Washington, DC, October 31, 2007.
- Immediate and emerging long term public health impacts of natural gas development and delivery.** (Speaker/Panelist) Sustaining Colorado's Watersheds: Making the Water Quality Connections. Colorado Association of Water Conservancy Districts. Breckenridge, CO, October 3, 2007.
- Potential health impacts of natural gas development and delivery.** (Testified) Interim Committee to Study the Allocation of Severance Tax and Federal Mineral Lease Revenue, Colorado State Legislators Hearing. Rifle, CO, July 24, 2007.
- Emerging public health issues: Stealth chemicals in our water resources.** (Plenary Speaker) Emerging Contaminants of Concern in the Environment: Issues, Investigations, and Solutions. American Water Resources Association, Vail, CO June 25 2007.
- An introduction to environmental health issues and natural gas development.** (Speaker/Discussant) The Oil and Gas Accountability Project (OGAP)'s 2005 People's Oil and Gas Summit: Toxics in Our Communities, Farmington, NM October 28-29, 2005.
- Gas development in the Colorado River watershed: A public health issue.** (Speaker/Panelist) 2005 Colorado River Water Conservation District Seminar, Grand Junction, CO, September 30, 2005.
- Emerging public health issues in surface waters: A look at the Colorado River drainage.** (Speaker) Mesa College Environmental Resources Series. Grand Junction, CO. September 19, 2005.
- Chemical exposure and human health.** (Speaker) A Community Forum for Safe Cosmetics sponsored by The Campaign for Safe Cosmetics. Mission San Francisco, CA, June 2, 2005
- Endocrine disruptors: Stealth health effects of pesticides.** (Opening Address) San Francisco Integrated Pest Management Conference. Part of the World Environment Day Activities. Presidio, San Francisco, CA June 2, 2005.
- Endocrine disruptors: Stealth chemicals you need to know more about.** (Speaker/Consultation) Palo Alto Department of Public Health, CA. May 31, 2005.
- Endocrine disrupting chemicals: In your body? In the products you use? In your future?** (Speaker) Department of Zoology, University of Florida, Gainesville, FL, October 5, 2004.
- Emerging public health issues in surface waters: Stealth chemicals in Colorado River water?** (Speaker) Colorado Watershed Assembly, Glenwood Springs, CO September 9, 2004.
- Endocrine disruptors: Stealth chemicals you need to know more about.** (Speaker) Denver University Guest Lecture Series. Denver, CO. April 28, 2004.

- Endocrine disruptors: Stealth chemicals you need to know more about.** (Speaker) Boulder Creek Watershed Forum, Boulder, CO. April 26, 2004.
- Endocrine disruptors: Stealth chemicals in Western Slope watersheds you need to know more about.** (Speaker) Mesa College Natural Resources Department Lecture Series. Grand Junction, CO. April 18, 2004.
- Stealth chemicals: From personal to global implications.** (Keynote Speaker) High Country Citizen's Alliance, Crested Butte, Colorado, October 3, 2003.
- Environmental health and children: From the womb to school.** (Speaker) Long Beach Memorial Medical Center, Miller's Children's Hospital. May 3, 2003.
- Tallying up endocrine disruption: How much does it affect your life?** (Speaker) Carnegie Mellon University Environmental Distinguished Lecture Series and the University Lecture Series, April 21, 2003.
- Healthy Environment Forum.** (Teleconference Keynote Address) Oregon Environmental Council, Portland, OR, March 20, 2003.
- Forum for Business and the Environment.** (Teleconference Speaker) Oregon Environmental Council, Portland, OR, March 20, 2003.
- Friends of the Earth and The Breast Cancer Fund Strategy Session.** (Presentation via teleconference) Washington, DC, March 13, 2003.
- An Ecosystem Approach to the Health Effects of Mercury in the Great Lakes Basin.** (Member Participant) International Joint Commission Great Lakes Commission Workshop, Windsor, Canada, February 26-27, 2003.
- EPA Annual Regional Children's Environmental Health Coordinators National Meeting.** (Keynote Speaker) Denver, CO, January 30, 2003.
- Health & Environmental Funders' Network National Teleconference.** (Featured speaker) June 27, 2002.
- New Jersey Environmental Advocates Day.** (Panelist) Environmental Toxins, US Senate, Washington, DC, June 12, 2002.
- Maintaining biological integrity from individuals to populations.** (Speaker) "Healthy Ecosystems/Healthy People", International Society for Ecosystem Health and Conservation International Conference, Washington, DC, June 9, 2002.
- Stealth chemicals--Sabotaging the destiny of wildlife and humans.** (Speaker) James Ford Bell Foundation and Minneapolis Family Foundations, Minneapolis, MN, May 23, 2002.
- Hormone (endocrine) disruptors and children's health.** (Speaker) Japanese Diet, Tokyo, Japan, May 16, 2002.
- Human integrity and reproductivity: At risk?** (Speaker) Blue Planet Prize 10<sup>th</sup> Anniversary, Tokyo, Japan, May 14, 2002.
- Endocrine disruptors: What are the risks?** (Lecturer) Marine Conservation Biology Series, Hopkins Marine Station of Stanford University, Monterey, CA, April 26, 2002.
- Endocrine disruptors overview--Are males at risk?** (Lecturer) Hypospadias & Genital Development Congress, University of California San Francisco, Medical School, CA, April 25, 2002.
- National Geographic Teleconference on The State of the Planet.** (Participant) Washington, DC, March 29, 2002.
- International Conference on the Impact of Endocrine Disruptors on Brain Development and Behavior.** (Conference Organizer) Erice, Sicily, March 15-20, 2002.
- Restoring the integrity of inner space.** (Speaker) Rachel's Network Annual Meeting, Washington, DC, March 11, 2002.
- From patient to population: thinking big.** (Lecturer) Johns Hopkins University Bloomberg School of Hygiene & Public Health Seminar, Baltimore, MD, February 19, 2002.
- College of William & Mary Graduate Seminar** (Panelist), Washington, DC, November 8, 2001.
- Restoring the integrity of inner-space.** (Keynote Speaker) U.S. Fish and Wildlife Service National Symposium on Rachel Carson and the Conservation Movement: Past Present, and Future, Shepherdstown, WV, August 10, 2001.
- Our Stolen Future: The need for inner space research.** (Speaker) Chautauqua Institution: Phenomenon of Heroism Week, Chautauqua, NY, July 20, 2001.
- Endocrine disruption: Lessons from the Great Lakes.** (Speaker) Local Motion Toxins in the Environment Series, Grosse Pointe, MI, July 12, 2001.
- NHK Japan Broadcasting Corporation Super-teachers television series.** (Focus of 2 episodes) Filmed in Delta County, Colorado, June 12-13, 2001 and Lake Superior and Munising, Michigan, June 16-17, 2001.
- The inner-space age of research: Hope for the new millennium.** (Luncheon Address) Nineteenth National Pesticide Forum: Healthy Ecosystems, Healthy Children, Boulder, CO, May 19, 2001.

- Endocrine disruption: An update.** (Speaker) University of Maryland Seminar, College Park, MD, May 14, 2001.
- Our Stolen Future.** (Speaker) University of Rochester Community Seminar, Rochester, NY, April 23, 2001.
- Inner-space research: Assuring biological integrity.** (Speaker) University of Minnesota Annual Kolshorn Lecture, Minneapolis, MN, April 9, 2001.
- The path before us: Environmental stewardship in the 21<sup>st</sup> century.** (Keynote Speaker) Department of the Interior Annual Conference on the Environment, Albuquerque, NM, March 13, 2001.
- Perspectives on the origin, the issue and the future of animal testing.** (Speaker) Test Smart- Endocrine Disruptors, Johns Hopkins University Center for Alternatives to Animal Testing, Baltimore, MD, February 21, 2001.
- Endocrine disruption testing: toward a better understanding of inner space.** (Speaker) Third International Symposium on Environmental Endocrine Disruptors, Yokohama, Japan, December 16, 2000.
- Endocrine disruptors: Prenatal impacts.** (Speaker) The Interdisciplinary Council on Developmental and Learning Disorders Fourth International Conference on Autism, Arlington, VA, November 11, 2000.
- Citizen's Roundtable on Endocrine Disruption.** (Speaker) Japan Offspring Fund/WWF Japan, Tokyo, Japan, October 28, 2000.
- Research Council of Norway.** (Speaker) Oslo, Norway, May 30, 2000.
- Women Show the Way Closing Session.** (Speaker) Stavanger, Norway, May 27, 2000.
- "Stolen Future"- A Conference on Endocrine Disruptors.** (Speaker) Rogaland Research Institute, Stavanger, Norway, May 26, 2000.
- Health Effects of PCBs.** (Briefing ) IJC Commissioners Meeting, Washington, DC, April 12, 2000.
- Challenges and Priorities for the United Nations in the 21<sup>st</sup> Century.** (Panelist) Washington, DC, April 12, 2000.
- Endocrine disruption: From wildlife to humans.** (Speaker) E.N. Thompson Forum on World Issues, Lincoln, Nebraska, March 2, 2000.
- National Basketball Association Newsmakers Breakfast.** (Keynote Speaker) San Francisco, CA, February 12, 2000.
- House of Commons Standing Committee Hearing on Environment and Sustainable Development.** (Testified) Ottawa, CA, November 17, 1999.
- The human/wildlife/laboratory connection.** (Speaker) ADHD: Causes and Possible Solutions, Washington, DC, October 4-7, 1999.
- Association for Women in Science Endocrine Disruptor Conference.** (Keynote Speaker) Kent State University, Kent, Ohio, October 14, 1999.
- Endocrine disruption: From wildlife to humans.** (Speaker) Texas A & M University, Department of Wildlife and Fisheries Sciences, College Station, TX, October 7, 1999.
- Endocrine disruption.** (Speaker) Knight Center for Specialized Journalism, University of Maryland, Covering Public Health Seminar, College Park, MD, June 9, 1999.
- Endocrine disruption.** (Speaker) Johnson & Johnson, Worldwide Environmental Steering Committee Meeting, New Jersey, May 19, 1999.
- Center for American Politics and Public Policy, University of California, Los Angeles, Washington DC Programs.** (Speaker) Washington, DC, May 10, 1999.
- National Pollution Prevention Roundtable Spring Conference.** (Speaker) Washington, DC, May 8, 1999.
- Endocrine disruptors: Interface between wildlife and humans.** (Speaker) Center for Conservation Medicine, Tufts University/WPTI/Harvard CHGE, Conservation Medicine Conference, Jacksonville, FL, April 29-May 2, 1999.
- Endocrine disruptors and the web of life.** (Speaker) Institute of Ecology, University of Georgia, 15<sup>th</sup> Annual Odum Ecology Lecture Series and Forum, Athens, GA, April 16, 1999.
- The role of the citizen in the endocrine disruptor policy.** (Speaker) Johns Hopkins University, Public & Participatory Democracy Class, Washington, DC, March 24, 1999.
- Assessing scientific issues in relation to lake-wide management plans.** (Speaker) International Joint Commission, Science Advisory Board Meeting, Ontario, Canada, February 25-26, 1999.
- Open Space, Outer Space, and Inner Space.** (Speaker) Peninsula Open Space Trust, Wallace Stegner Lecture Series, Menlo Park, CA, February 17, 1999.
- Endocrine disruptors: An update.** (Speaker) American Public Health Association, Washington, DC, November 15-19, 1998.
- Identification and determination of the most effective means for resolving critical uncertainties.** (Participant) Workshop on Marine Mammals and Persistent Ocean Contaminants, Keystone, CO, October 12-15, 1998.



- Science and regulatory policy on endocrine disruptors.** (Speaker) American Bar Association, Section of Natural Resources, Energy & Environmental Law, Hilton Head Island, SC, October 9, 1998.
- Great Lakes United Testimony.** (Speaker) Buffalo, NY, October 6, 1998.
- Pesticides as endocrine disruptors: Relating effects of pesticide use on wildlife to human health as well.** (Speaker) Rachel Carson Council, Fairfax, VA, September 25-26, 1998.
- National Breast Cancer Coalition Fund, Environmental Policy Summit.** (Speaker) Washington, DC, September 23-24, 1998.
- University of Toledo Lecture Series.** (Speaker) Toledo, OH, September, 14-16, 1998.
- Aquatic ecosystems: A new look at contamination.** (Speaker) US EPA: Office of Water, Washington, DC, July 30, 1998.
- US EPA, Meeting on Ecological and Human Health Effects of PCBs.** (Speaker) Kimberley, WI, July 27, 1998.
- Environmental endocrine disruptors.** (Session Chair) Gordon Research Conference, Plymouth State, NH, July 12-17, 1998.
- Endocrine disruptors and global integrity.** (Speaker) The Global Integrity Project: World Bank, Washington, DC, July 10, 1998.
- Wildlife, ecosystems at risk.** (Speaker) 1st Session of the Intergovernmental Negotiating Committee (INC) for an International Legally Binding Agreement on Persistent Organic Pollutants (POPs), Montreal, Canada, June 29-July 3, 1998.
- Aquatic ecosystems: Harbingers of endocrine disruption.** (Speaker) American Society of Limnology and Oceanography/Ecological Society of America, St. Louis, MO, June 7-9, 1998.
- Our Stolen Future: Environmental hazards and the new millennium.** (Speaker) The Oak Foundation, Environmental Retreat, Geneva, Switzerland, May 9, 1998.
- Our Stolen Future: An overview of the science behind the message.** (Speaker) Michigan Technological University, Lecture Series, Houghton, MI, May 4, 1998.
- Endocrine disruptors.** (Speaker) American Association for the Advancement of Science, 1998 Science and Engineering Fellows Luncheon Seminar, Washington, DC, April 23, 1998.
- Grace Church Georgetown, Thank God It's Friday: Lenten Luncheon Series.** (Speaker) Georgetown, Washington, DC, April 3, 1998.
- Environmental agents and reproduction: Lessons learned from the clinic, the lab and the field.** (Keynote Speaker) Watkins Life Science Conference, Wichita State University, Wichita, KS, March 20-21, 1998.
- Expert briefing on the environment.** (Panelist) Council on Foundations: 12th Family Foundations Conference: A Ribbon of Dreams - How green was my valley. Los Angeles, CA, Feb. 23-25, 1998.
- Environmental chemicals as endocrine disruptors: Scientific evidence and public policy.** (Speaker) American Association for the Advancement of Science, Philadelphia, PA, Feb. 16, 1998.
- Endocrine disruptors in the environment.** (Keynote Speaker) School of the Environment, Duke University, Lecture Series, Raleigh, NC, Jan. 26, 1998.
- An endocrine update: Signals from the womb to the population level.** (Speaker) Society for Integrative & Comparative Biology Annual Conference, Boston, MA, Jan 3-7, 1998.
- Managing natural resources: Integrating ecology and society.** (Speaker) 59th Midwest Fish & Wildlife Conference, Milwaukee, WI, Dec. 7-10, 1997.
- An endocrine update: Signals from the womb to the population level.** (Speaker) University of Wisconsin, Lecture Series, Wisconsin, MA, Dec. 5, 1997.
- The Pesticide Project: A statewide educational series on reducing risks.** (Speaker) The Long Island Breast Cancer Action Coalition, White Plains, NY, Nov. 20, 1997.
- Toward a new civilization.** (Plenary Speaker) State of the World Forum Annual Conference, San Francisco, CA, Nov. 4-9, 1997.
- International Joint Commission/Great Lakes United Public Forum.** (Speaker) Niagara, Canada, Nov. 1-2, 1997.
- Pesticides communities and change: Celebrating 20 years of activism.** (Keynote Speaker) Northwest Coalition for Alternatives to Pesticides: 20th Anniversary Conference, Portland, OR, Oct. 12, 1997.
- Winning justice step by step.** (Speaker) Center for Health, Environment & Justice: Grass Roots Convention, Alexandria, VA, Oct. 4, 1997.
- Tools for the new millennium.** (Speaker) Canadian Manufacturers of Chemical Specialties Association, Barrie, Canada, Sept. 25, 1997.

- The power of III: Business, technology, the earth, creating systems and synergies for a changing world.** (Speaker) ECOTECH III Annual Conference: Project of Global Futures Foundation, Asilomar, Monterey, CA, Sept. 18, 1997.
- Policy implications of new evidence regarding toxic substances and human health.** (Speaker) International Workshop, International Joint Commission. Wingspread, Racine, WI, Sept. 5, 1997.
- Which values? Whose values? Shaping society in the 21st Century.** (Keynote Speaker) Aspen Institute - Lecture Series, Aspen, CO, July 10, 1997.
- Forum on State and Tribal Toxics Action (FOSTTA), U.S. Environmental Protection Agency: Pollution Prevention Project.** (Panel Speaker) Alexandria, VA, June 24, 1997.
- Chatham Green Garden's Party: A benefit for the college Arboretum and Rachel Carson Institute and Scholarship Fund.** (Keynote Speaker) Chatham College, Pittsburgh, PA, June 19, 1997.
- Sound science, sound journalism.** (Speaker) National Public Radio: Living on Earth Board of Science Advisors Meeting, Cambridge, MA, May 21, 1997.
- Our Stolen Future.** (Speaker) American Industrial Hygiene Association Annual Meeting, Dallas, TX, May 19, 1997.
- Our Stolen Future.** (Speaker) GLOBE International XIIth General Assembly Meeting, European Parliament, Brussels, Belgium, May 7, 1997.
- Our Stolen Future.** (Speaker) Workshop hosted by the World Wide Fund for Nature - Germany and the Ministry of Environment of Lower Saxony, Hannover, Germany, May 5, 1997.
- Endocrine disruptors: Research and policy amid uncertainties - Where do we go from here?** (Speaker) Center for a Livable Future, Johns Hopkins University School of Medicine, Baltimore, MD, April 30, 1997.
- Values of the emerging culture.** (Speaker) Social Venture Network, Mohonk Mountain House, New Paltz, NY, April 19, 1997.
- Endocrine disrupting chemicals: What must be done now?** (Briefing) European Parliament, Brussels, Belgium, April 16, 1997.
- Our Stolen Future.** (Briefing) Agricultural University, Ede, The Netherlands, April 11, 1997.
- Endocrine disruptors: scenario: 21st Century.** (Plenary Speaker) Society of Environmental Toxicology and Chemistry (SETAC) Annual Meeting, Amsterdam, The Netherlands, April 6, 1997.
- Our Stolen Future.** (Speaker) University of Michigan, Ann Arbor, MI, March 26, 1997.
- Our Stolen Future.** (Speaker) Harvard Divinity School, Cambridge, MA, March 20, 1997.
- Our Stolen Future.** (Speaker) Harvard University Committee on Environment, Cambridge, MA, March 19, 1997.
- Our Stolen Future.** (Speaker) Brandeis University, Waltham, MA, March 18, 1997.
- Our Stolen Future.** (Speaker) Milwaukee Public Museum, Milwaukee, WI, March 14, 1997.
- Our Stolen Future.** (Speaker) University of Colorado, Boulder, CO, March 12, 1997.
- Forum on State and Tribal Toxics Action (FOSTTA), U. S. Environmental Protection Agency - Pollution Prevention Project.** (Plenary Speaker) Alexandria, VA, March 3, 1997.
- Rutgers University: Undergraduate Science Discovery Program, Seminar Series.** (Speaker) Newark, NJ, February 18, 1997.
- University of Maryland, Water and Resources Center/Department of Chemistry and Biochemistry, Lecture Series.** (Keynote Speaker) Silver Spring, MD, February 10, 1997.
- National Oceanic and Atmospheric Administration Seminar.** (Speaker) Silver Spring, MD, January 29, 1997.
- American Water Resources Association National Capital Section Meeting.** (Speaker) Washington, DC, January 23, 1997.
- Our Stolen Future.** (Speaker) Learning Alliance, New York City, NY, December 10, 1996.
- Northminster Presbyterian Church.** (Featured Speaker) Indianapolis, IN, December 8, 1996.
- Persistent organic chemicals: Can they disrupt endocrine systems?** (Speaker) The New England College of Occupational and Environmental Medicine Annual Conference, Boston, MA, December 5, 1996.
- The Joyce Foundation Board of Directors Meeting.** (Speaker) Chicago, IL, November 20, 1996.
- Endocrine disruptors: More than just pseudo-estrogens and low sperm counts?** (Speaker) American Public Health Association Annual Meeting, New York City, NY, November 18, 1996.
- In retrospect: Endocrine disruption, 1991 - 1996.** (Speaker) Society of Environmental Toxicology and Chemistry Annual Meeting, Washington, DC, November 19, 1996.
- In-House presentation to Monsanto employees.** (Speaker) Monsanto Company, St. Louis, MO, November 11, 1996.

- Illinois Environmental Protection Agency's Fifth Annual Recognition Ceremony.** (Keynote Speaker) Springfield, IL, November 6, 1996.
- Our Stolen Future: Contaminants and the global environment.** (Speaker) For Generations to Come: A Canadian Conference on Contaminants, the Environment, and Human Health in the Arctic, Iqaluit, Northwest Territories, Canada, October 8-10, 1996.
- Toxics: An impending global health crisis.** (Plenary Speaker) State of the World Forum, San Francisco, CA, October 2-6, 1996.
- Health effects of contemporary-use pesticides: The wildlife/human connection.** (Organizer) International Workshop, Wingspread, Racine, WI, September 27-29, 1995.
- Scientists say the darndest things.** (Speaker) International Platform Association Convention, Washington, DC, August 3, 1996.
- Endocrine disorders in wildlife associated with environmental contaminants.** (Speaker) Wildlife Disease Association Annual Meeting, Fairbanks, Alaska, July 23, 1996.
- Changing endpoints/changing exposure.** (Speaker) Ecotox Workshop, University of Manitoba, Winnipeg, Canada, June 17, 1996.
- Rutgers University, Society for Environmental Journalists/Environmental and Occupational Health Sciences Institute.** (Keynote Speaker) New Jersey, June 14, 1996.
- Endocrine disruptors in the environment: Our Stolen Future?** (Speaker) 87th Annual Special Libraries Association Meeting, Boston, MA, June 9, 1996.
- Our Stolen Future.** (Keynote Speaker) 3rd Annual Midwest Regional Conservation Committee/Mississippi Ecoregion Task Force "Big River" Meeting, Washington, DC, June 8, 1996.
- Our Stolen Future.** (Featured Speaker) Natural Resources Council of America, Conservation Roundtable Luncheon, National Press Club, Washington, DC, June 5, 1996.
- Endocrine disruptors in the Great Lakes: An overview and historical perspective.** (Plenary Speaker) International Association of Great Lakes Researchers, Erindale College, Mississauga, Ontario, Canada, May 27, 1996.
- Hazardous substances' effects on animals.** (Speaker) Conference on Hazardous Substances, Copenhagen, Denmark, April 24, 1996.
- Environmental estrogens: Reproductive failure in wild animals.** (Speaker) Danish-Scandian Society for Male Reproduction, Rigshospitalat, Copenhagen, Denmark, April 24, 1996.
- Our Stolen Future.** (Briefing) International Joint Commission, Washington, DC, April 16, 1996.
- Our Stolen Future.** (Speaker) **Marine Leadership Conference**, Marathon, FL, April 2, 1996.
- Our Stolen Future.** (Plenary Speaker) 15th Annual National Campaign for Pesticide Policy Reform Meeting, Washington, DC, March 16, 1996.
- Environmental Choices 1996 - Endocrine disruptors: A global design problem.** (Speaker) Department of Urban and Environmental Planning, School of Architecture, University of Virginia, Charlottesville, VA, March 4, 1996.
- An interdisciplinary challenge: Restoring the birthright to be born chemical free.** (Speaker) Declaration of Interdependence - Jefferson Lecture Series in the Rotunda, University of Virginia, Charlottesville, VA, March 4, 1996.
- Our Stolen Future.** (Banquet Speaker) Tulane Law School, Louisiana Environment '96: Law, Science, and the Public Interest. New Orleans, LA, February 24, 1996.
- Endocrine disruptors: Long-term sequel of exposure to environmental pollutants.** (Speaker) Department of Veterans Affairs, Psychiatry Lecture Series, Baltimore, MD, February 9, 1996.
- Our Stolen Future.** (Featured Speaker) University of Maryland, School of Public Affairs Environmental Policy Program, Lecture Series, College Park, MD, December 6, 1995.
- Environmental endocrine disrupting chemicals: Neural, endocrine, and behavioral effects.** (Organizer) International Work Session, Erice, Sicily, November 5-10, 1995.
- Neurobehavioral effects arising from environmentally relevant chemical exposures.** (Keynote Speaker) 13th International Neurotoxicology Conference, Hot Springs, AR, October 29, 1995.
- Unraveling of the web of life: Environmental degradation and health deterioration.** (Plenary Speaker) Environmental Grantmakers Association, Ceder, MI, October 12-13, 1995.
- Hormone havoc: The wildlife/human connection.** (Plenary Speaker) Society for Theriogenology, San Antonio, TX, September 13-15, 1995.

- Chemically-induced alterations in the functional development and reproduction of fishes.** (Participant) International Workshop, Wingspread, Racine, WI, July 21-23, 1995.
- The wildlife/human connection: Transgenerational loss of function.** (Speaker) 5th Annual Society of Environmental Toxicology and Chemistry (SETAC) European Conference, Copenhagen, Denmark, June 27, 1995.
- Western State College of Colorado.** (Commencement Speaker) Gunnison, CO, June 3, 1995.
- Chemicals in the environment.** (Speaker) S. C. Johnson Wax Officers' Meeting, Racine, WI, May 24, 1995.
- Environmental estrogens: Pathway to extinction?** (Speaker) Russian River Watershed Protection Committee, Santa Rosa, CA, May 13, 1995.
- Gambling with biodiversity.** (Speaker) University of California at Davis, Ecotoxicology Seminar, Davis, CA, May 12, 1995.
- Observed phenomenon of endocrine disruption.** (Speaker) Howard Heinz Endowment Board Meeting, Pittsburgh, PA, May 9, 1995.
- Gambling with biodiversity: The wildlife/human connection.** (Guest Lecturer) University of Massachusetts, Organismic and Evolutionary Biology Graduate Program, Amherst, MA, May 5, 1995.
- A lost birth right: The consequence of chemical exposure for future generations.** (Speaker) Chatham College's More than Aware: Women making a Difference for the Environment, Pittsburgh, PA, April 18, 1995.
- Congressional/Parliamentary Dialogue on the Great Lakes Roundtable on US-Canada Cooperation in Pollution Prevention.** (Participant) Washington, DC, January 27, 1995.
- Environmental Endocrine Disruptors Symposium.** (Speaker) American Society of Zoologists Annual Meeting, St. Louis, MO, January 4-8, 1995.
- American Public Health Association Meeting.** (Speaker) Washington, DC, November 1, 1994.
- Intergenerational effects of toxics.** (Panelist) Society of Environmental Journalists, Provo, UT, October 6-9, 1994.
- Choices for the Future.** (Speaker) Windstar Foundations' Symposium, Aspen, CO, August 27, 1994.
- Toxic justice: An elemental danger to women's health.** (Speaker) Women's Issues Network Annual Meeting, Washington, DC, March 1, 1994.
- Consortium for Environmental Education in Medicine.** (Speaker) Harvard Medical School, Boston, MA, May 6, 1994.
- ATSDR Great Lakes Human Health Effects Research Symposium.** (Speaker) Detroit, MI, May 3-5, 1994.
- The New England Environmental Conference.** (Speaker) Tufts University, Medford, MA, March 27, 1994.
- Endocrine effects of prenatal exposure to PCB's, dioxin and other xenobiotics.** (Moderator) Session at Children's Environmental Health Network Symposium, Washington, DC, March 19, 1994.
- National Wildlife Federation Annual Meeting.** (Speaker) Austin, TX, March 4, 1994.
- The human health/wildlife connection.** (Speaker) Harvard School of Public Health, Cambridge, MA, January 26, 1994.
- Organochlorine chemicals: Gambling with biodiversity.** (Speaker) MIT, School of Engineering, Cambridge, MA, January 25, 1994.
- Gambling with biodiversity: The wildlife/human connection.** (Speaker) Tufts University, School of Public Policy, Medford, MA, January 24, 1994.
- A series of briefings for EPA administrators and staff, Congressional committee staff, Congressional Office of Technology Assessment project directors and staff, the administration's science advisory director and staff, and other key individuals in the executive branch concerning the implications of the BBC film, "Assault on the Male".** (Briefings) January 12-30, 1994.
- Environmental estrogens: Health implications for humans and wildlife.** (Panel Moderator) National Institute of Environmental Health Sciences Conference, Washington, DC, January 11, 1994.
- Environmentally induced alterations in development: A focus on wildlife.** (Organizer) International Workshop, Wingspread, Racine, WI, December 10-12, 1993.
- U.S. House of Representatives, Committee on Energy and Commerce, Subcommittee on Health and the Environment.** (Testified) October 21, 1993.
- Bloomington Polychlorinated Biphenyls (PCB) Project.** (Panel Member) Agency for Toxic Substances and Disease Registry Expert Panel, Bloomington, IL, September 12-15, 1993.
- Environmental effects on the development of hormonally responsive tissue.** (Speaker) Gordon Conference on Hormonal Carcinogenesis, Newport, RI, August 8-13, 1993.
- Endocrine disruptors in the environment.** (Briefing) US Fish and Wildlife Service, Contaminants Division (Director and Assistant Director), Washington, DC, June 21, 1993.

- In utero effects of dioxin and dioxin-like compounds.** (Participant) California Department of Health Meeting, Berkeley, CA, June 12-16, 1993.
- Environmentally induced endocrine effects in wildlife and humans.** (Speaker) US Fish and Wildlife, Environmental Contaminants Division Annual Workshop, Vail, CO, May 25-28, 1993.
- Chemically induced alterations in sexual and functional development: The wildlife/human connection.** (Organizer) Retreat and briefing for congressional staff, Airlie House, Warrenton, VA, May 13-14, 1993.
- PCBs in fish tissue: The wildlife/human connection.** (Speaker) US Environmental Protection Agency Conference of PCBs in Fish, Washington, DC, May 10, 1993.
- International Symposium on the Ecological Effects of Arctic Airborne Contaminants.** (Speaker) Fairbanks, AK, May 2-7, 1993.
- Department of Energy, Sandia Laboratory and RIOTECH, Vital Issues Panel.** (Panel Member) Albuquerque, NM, March 25, 1993.
- US House of Representatives, Committee on Appropriations, Subcommittee on Interior and Related Agencies.** (Testified) March 24, 1993.
- US Senate, Committee on Environment and Public Works.** (Testified) March 24, 1993.
- Pesticides in children's food.** (Media Guest) **Frontline** documentary hosted by Bill Moyers, Aired in 1993.
- Chlorine-free Great Lakes: Local action for a global solution.** (Plenary and Breakout Speaker) Greenpeace, Monroe, MI, December 5, 1992.
- Tufts University, School of Medicine, Center for Reproductive Research/Center for Environmental Management, Joint Lecture Series in Environmental Health.** (Speaker) Boston, MA, December 10, 1992.
- Dolphin disease and mortality.** (Speaker and Participant) USEPA/NMFS sponsored meeting, Pensacola, FL, December 1-3, 1992.
- What's new in assessing health risks from environmental and occupational contaminants.** (Panelist) Society of Professional and Environmental Journalists National Convention, Baltimore, MD, November 20, 1992.
- Scientific challenges for regulatory decision making in light of new evidence concerning the transgenerational health effects of chemicals in the Great Lakes system.** (Organizer and Speaker) International Joint Commission, Chicago, IL, November 16, 1992.
- Endocrine disruption by organochlorine pollution: A focus on the Great Lakes.** (Speaker and Panelist) The American Public Health Association Annual Meeting, Washington, DC, November 11, 1992.
- Chemically Induced Alterations in Sexual and Functional Development: The wildlife/human connection.** (Organizer) Press conference for TV, radio, and news media on new book, Washington, DC, November, 10, 1992.
- Herbicides: A new perspective on potential exposure.** (Speaker and Panelist) American Public Health Association Annual Meeting, Washington, DC, November 9, 1992.
- Chemically induced alterations in development: The wildlife/human connection.** (Speaker) Duke University, Graduate School of Environmental Studies, Fall Environmental Speaker Series, Durham, NC, October 2, 1992.
- Chemically induced alterations in development: The wildlife/human connection.** (Speaker) Emory University, Department of Anthropology and Geology, Lecture Series, Atlanta, GA, October 21, 1992.
- Chemically induced alterations in development: The wildlife/human connection.** (Speaker) University of Florida, Guest Lecture Series, Gainesville, FL, October 20, 1992.
- Health Implications of Great Lakes pollution.** (Planner and Speaker) University of Wisconsin Medical School, Continuing Medical Education Credit Course in Environmental Health, Milwaukee, WI, October 16-18, 1992.
- Chemically induced alterations in development: The wildlife/human connection.** (Speaker) Guelph University, College of Biological Science Third Decade Lecture Series, Ontario, October 15, 1992.
- Chemically induced alterations in development: The wildlife/human connection.** (Speaker) University of Wisconsin, Department of Zoology, Friday Colloquium Series, Madison, WI, October 9, 1992.
- US Fish and Wildlife Service, National Fisheries Contaminant Center.** (Briefing) Columbia, MO, October 8, 1992.
- Chemically induced alterations in sexual development: The wildlife/human connection.** (Speaker) University of Missouri, College of Arts and Sciences, Lecture Series, Columbia, MO, October 8, 1992.
- US Environmental Protection Agency Grant 1992-1993, Global Marine Baseline Study of Organochlorine Contamination. Project extended 1993-1994-1995-1996-1997-1999.** (Principal Investigator)
- NPR-WAMU, Radio talk show hosted by Derrick McGinty.** (Media Guest) Washington, DC, September 24, 1992.

- Public Issues in Hazardous Waste Management, for engineers at a Hazardous Materials Control Research Institute.** (Guest Lecturer) Wayne State University, Department of Chemical and Metallurgical Engineering, Certificate and Master of Science course, Arlington, VA, September 20, 1992.
- Non-cancer human health responses to ecologically mediated toxic exposure.** (Speaker) EPA monthly lectures in science, Headquarters, Washington, DC, September 8, 1992.
- Great Lakes Protection Fund, Advisory Council, Planning Meeting.** (Participant) Chicago, IL, August 26, 1992.
- Poisoned Catch.** (Science Advisor and Filmed Participant) Documentary produced by CNN on the safety of eating fish, aired on national TV. August 9-12, 1992.
- Trial run of a Continuing Medical Education Credit Course for Physicians in Environmental Health.** (Organizer and Speaker) Wingspread, Racine, WI August 7-9, 1992.
- Medical School of Wisconsin sponsored Roundtable on environmental health for physicians.** (Speaker) Wingspread, Racine, WI, July 31-August 2, 1992.
- EPA Health Effects Research Laboratory.** (Speaker and Guest) Research Triangle Park, NC, May 7-8, 1992.
- Tainted water, tainted fish: Stewardship of the Great Lakes Basin.** (Testified) Senate Committee on Governmental Affairs chaired by John Glenn, April 7, 1992.
- Human Welfare in the E-3 Equation at a Binational Great Lakes Environmental Reporting Workshop.** (Speaker) Scientist's Institute for Public Information, Toronto, Ontario, April 11, 1992.
- Hitting close to home: Pesticides and local rights.** (Speaker) National Coalition Against the Misuse of Pesticides, Tenth National Pesticide Forum, Alexandria, VA, March 29, 1992.
- Symposium on Endocrine Disruptors in the Environment for 50 federal and state government agency personnel, institute directors, and non-governmental policy personnel.** (Organizer) Washington, DC, March 18-19, 1992.
- Wisconsin Department of Natural Resources, Wastewater Statewide Meeting.** (Speaker) Appleton, WI, March 10-12, 1992.
- US Fish and Wildlife Service, Biomonitoring of Environmental Status and Trends (BEST) Advisory Committee to draft protocol for collecting field data under the Service's ten-year plan.** (Member) February, 1992.
- CBS TV concerning Consumer Reports survey on commercial fish safety.** (Media Interview) Aired January 16, 1992.
- Consumer Reports Survey on safety of consuming commercial fish.** (Media Advisor) Also reviewed and embellished final report released on January 16, 1992.
- Agency for Toxic Substances and Disease Registry.** (Briefing) Following successfully lobbying for \$2 million for the Agency for Toxic Substances and Disease Registry, briefed the Agency's Director, Barry Johnson, and staff on the current status of human health research in the Great Lakes Basin. Washington, DC, December, 1991.
- United Nations' Environment Program's (UNEP) Marine Mammal Action Plan's Science Advisory Committee (SAC).** (Review Panel Member) Reviewed the recent dolphin die-off in the Mediterranean Sea and made recommendations to deal with research needs and future catastrophic marine events. Palma, Mallorca, Spain, November 6-8, 1991.
- Mediterranean Striped Dolphin Mortality International Workshop, sponsored by Greenpeace, UNEP, and World Wide Fund for Nature.** (Speaker) Palma, Mallorca, Spain, November 4-5, 1991.
- Senate Committee on Governmental Affairs.** (Testified) Testified on the efficiency and effectiveness of the federal government's efforts to protect the public and wildlife from exposure to environmental chemicals known to cause adverse developmental and reproductive outcomes. October 2, 1991.
- Walpole Island Heritage Center, International Conference on Native American Health.** (Plenary Speaker) Ontario, Canada, August 26, 1991.
- Great Lakes, bitter legacy.** (Science Advisor) Audubon TV documentary, Turner Television, narrated by James Earl Jones, released August, 1991.
- Chemically induced alterations in sexual development: The wildlife/human connection.** (Organizer) International Work Session, Wingspread, Racine, WI, July 26-28, 1991.
- Non-traditional evaluation of risk from fish contaminants.** (Paper) National Academy of Sciences Symposium on Seafood Safety Issues, May, 1991.
- Non-traditional approaches to managing contaminants in the environment.** (Colloquium Speaker) University of Illinois, Chicago, IL, May, 1991.
- Standardizing protocols for wildlife and human epidemiology in the Great Lakes Basin.** (Keynote Speaker) International Joint Commission, Science Advisory Board Health Committee Workshop, Syracuse University, NY, April, 1991.

- International Joint Commission.** (Briefing) Periodically briefed Commissioners and staff of the International Joint Commission on current status of wildlife and human health in the Great Lakes basin. January, 1990 - January 1993.
- Channel 11, WTTW, Chicago.** (Briefing) Briefed producers and writers from Channel 11, WTTW, Chicago and 8 other Public Television Channels on current knowledge concerning toxics in the Great Lake Basin. Chicago, IL, January, 1991.
- The Great Lakes: A model for global contamination.** (Colloquium speaker) Virginia Polytechnic Institute, Biology Department, Blacksburg, VA, January, 1991.
- Council of Great Governors.** (Briefing) Briefed administrative assistants of four new Great Lakes governors on Great Lakes environmental issues for the Council of Great Governors. Chicago, IL, January, 1991.
- Society of Environmental Toxicity and Chemistry (SETAC) Annual Meeting.** (Moderator) Opening session. Arlington, VA, 1990.
- Advisory panel for Congressional Office of Technology Assessment report, Identifying and Controlling Immunotoxic Substances.** (Member) Washington, DC, 1990.
- Region II, New York, and Region V, Chicago, EPA Directors.** (Briefing) Briefed the directors and their administrative assistants on the results of my analyses of wildlife and human health status in the Great Lakes Basin. May, 1990.
- Conclusions reached in Great Lakes, Great Legacy?** (Testified) U.S. House of Representatives, Committee on Public Works and Transportation, Subcommittee on Water Resources, May 2, 1990.
- The wildlife/human health connection: Addressing the Great Lakes toxic problems.** (Plenary Speaker) Association of Wetlands Managers, Great Lakes Symposium, Niagara Falls, NY, 1990.
- Wildlife ecology and toxicology: New tools for public health authorities.** (Speaker) American College of Toxicology Annual Meeting, Orlando, FL, October 29-31, 1990.
- Health Protection Branch, Health and Welfare Canada, Environmental Health Directorate.** (Speaker/Participant) Workshop on toxicity of single PCB congeners. Ottawa, Canada, May 31-June 1, 1990.
- Wildlife toxicology as a new tool for human health assessments.** (Keynote Speaker) Society of Toxicology Annual Meeting, Chicago, IL, 1990.
- The Great Lakes: Do you really want the water?** (Convocation Speaker) Western State College of Colorado, Gunnison, CO, January, 1990.
- Wildlife Toxicology as a tool for public health evaluations.** (Speaker) Biennial Meeting of International Joint Commission, Health Effects Session, Hamilton, Ontario, October, 1989.
- Extension course entitled "Understanding the Risks, Regulation and Bioremediation of Halogenated Aromatic Compounds".** (Instructor) University of Wisconsin, Engineering Extension Department, Madison, May 8-10, 1989.
- Evaluating risks to human health associated with exposure to toxic chemicals in the Great Lakes Basin ecosystem.** (Speaker) SUNY Great Lakes Program, Disciplinary Workshop on Toxicology and Environmental Chemistry, Buffalo, NY, April 15-18, 1989.
- Cause and Effect Linkages Workshop.** (Speaker) Council of Great Lakes Research Managers, International Joint Commission, Chicago, IL, March 27, 1989.
- Workshop on research strategies to appraise adverse human health effects from exposure to hazardous substances or agents in the Great Lakes system.** (Opening Remarks) International Joint Commission Science Advisory Board Health Committee, Chicago, IL, March 28, 1989.
- Conference on Global Environmental Issues: Acid rain: Facts, trends, and conditions.** (Speaker) The Dayton Council on World Affairs/University of Dayton, Center for International Studies, OH, March 15, 1989.
- Committee on Evaluation of the Safety of Fishery Products, Institute of Medicine, National Academy of Sciences.** (Testified) Washington, DC, January 1989.
- The reproductive health of wildlife in the Great Lakes Basin and the implications for human health.** (Speaker) A Regional Focus on the Environment and Human Health Workshop, The Great Lakes Basin, sponsored by the Midwest Region Public Health Association, Chicago, IL, 1988.
- Pteronarcys californica Newport: Mortality and cadmium accumulation at three stations on the Gunnison River.** (Paper) IAWPC/WHO/EPA International Conference on Heavy Metals in the Environment, Gunnison County, CO, New Orleans, LA, 1987.

**The use of the stonefly Pteronarcys californica Newport as a measure of biologically available cadmium in a high altitude river system.** (Speaker) IAWPC/WHO International Conference on Acid Precipitation: Water Quality Control and Human Health, Colorado, USA, Uppsala, Sweden, 1985.

**The use of the stonefly Pteronarcys californica Newport as a measure of bioavailable cadmium in a high altitude river system.** (Paper) AAAS Annual Meeting, University of Montana, Missoula, 1985.

**Aquatic insect biomonitoring for cadmium in high-altitude Rocky Mountain streams. Biology colloquium and latest developments concerning acid rain in the West.** (Paper) University of Montana, Seminar on Current Environmental Issues, Missoula, MT, 1984.

**Dams: Considerations for future water management.** (Moderator & Symposium Organizer) AAAS Annual Meeting, New York, NY, 1984.

**NSF Chautauqua, Toxic Substances in the Environment.** (Invited) Urbana College, Urbana, IL, 1983.

**NSF Chautauqua, Water Pollution.** (Invited) University of Texas, Austin, TX, 1980.

**Aquatic insects as measures of trace element presence: Cadmium and molybdenum.** (Poster Session) American Society for Testing and Materials, Fifth Annual Symposium on Aquatic Toxicology, Philadelphia, PA, 1980.

**Water: Opportunities, problems and policy issues.** (Panelist) Debated Congressman Wayne Aspinall, Seminar sponsored by the League of Women Voters and the Denver Technological Center, Grand Junction, CO, June, 1979.

**A river: The price of development.** (Producer and Presenter) Documentary slide-show presented to Assistant Secretary of the Interior, Guy Martin, Grand Junction, CO, February, 1979.

#### **PROFESSIONAL AFFILIATIONS**

Member, The Endocrine Society (2007-2014).

Adjunct Graduate Faculty, Wildlife & Fisheries, Texas A&M University (1998-2005).

Member, Society for Integrative and Comparative Biology (1994-2009).

Member, Society of Environmental Toxicology and Chemistry (1988-2009).

Adjunct Faculty, George Mason University, Fairfax, VA. (1982-1986).

Member, Rocky Mountain Biological Laboratory, Gothic, CO. (1979-2014).

Adjunct Faculty, Western State College of Colorado, Gunnison, CO, (1979-1982).

Member, Colorado Field Ornithologists (1964-2014).