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EDUCATION

PhD	Environmental Health Sciences, University of California, Berkeley
MPH	School of Public Health, University of California, Berkeley
BA	Environmental Sciences, Harvard University

POSITIONS

2004 to present	Associate Research Scientist, Environmental Health Sciences
1996 to 2004	Assistant Research Scientist, Environmental Health Sciences. School of Public Health, University of California, Berkeley (part-time).
1996 to present	Lecturer, School of Public Health
1990 to 1996	Research Assistant, School of Public Health, University of California Berkeley
1985 to 1990	Deputy Commissioner, Alaska Department of Environmental Conservation
1984 to 1985	Executive Director, Alaska Coastal Management Program
1982 to 1984	Senior Resource Analyst, Office of the Governor, State of Alaska
1980 to 1982	Research Analyst, Division of Policy Development and Planning, State of Alaska
1978 to 1980	Ecologist, Alaska Department of Environmental Conservation

JOURNAL ARTICLES, BOOK CHAPTERS, PEER REVIEWED REPORTS

Peter L. deFur, Gary W. Evans, Elaine A. Cohen Hubal, **Amy D. Kyle**, Rachel A. Morello-Frosch, David Williams. Vulnerability as a function of individual and group resources in cumulative risk assessment. Under review at *Environmental Health Perspectives*.

Amy D. Kyle, John R. Balmes, Patricia A. Buffler, Philip R. Lee. 2006. Integrating research, surveillance, and practice in environmental public health tracking. *Environmental Health Perspectives*. 114(7): 980-984.

Thomas E. McKone, **Amy D. Kyle**, Oliver Joliet, Stig Irving Olsen, Michael Hauschild. 2006. Dose-response modeling for life cycle impact assessment. *International Journal of Life Cycle Assessment*. 11:137-140.

Amy D. Kyle, Tracey J. Woodruff, Daniel A. Axelrad. 2006. Integrated assessment of environment and health: America's Children and the Environment. *Environmental Health Perspectives*. 114(3): 447-452.

Tracey J. Woodruff, Dan Axelrad, **Amy D. Kyle**, Gregory Miller, Onyemaechi Nweke, Bradford J. Hurley. 2004. Trends in environmentally related childhood illnesses. *Pediatrics*. 113(4): 1133-1140.

Tracey J. Woodruff, Jennifer D. Parker, **Amy D. Kyle**, Kenneth C. Schoendorf. 2003. Disparities in exposure to air pollution during pregnancy. *Environmental Health Perspectives*. 111(7): 942-6.

Tracey J. Woodruff, Dan Axelrad, **Amy D. Kyle**, Gregory Miller, Onyemaechi Nweke. 2003. *America's Children and the Environment: Contaminants, Exposures, and Diseases*. US Environmental Protection Agency. Office of Children's Health Protection. Washington, DC.

Amy D. Kyle. 2002. Social concerns for environmental exposures to toxic substances. In: *Environmental and Ecological Sciences and Resources, Encyclopedia of Life Support Systems (EOLSS)*, edited by T. Satoh and S-H Inayat-Hussai. Developed under the auspices of UNESCO, Eolss Publishers, Oxford, UK.

Amy D. Kyle, Tracey J. Woodruff, Patricia A. Buffler, and Devra L. Davis. 2002. Use of an index to reflect the aggregate burden of long-term exposure to criteria air pollutants in the United States. *Environmental Health Perspectives*. 110(1): 95-102.

Amy D. Kyle, Catherine C. Wright, Jane C. Caldwell, Patricia A. Buffler, Tracey J. Woodruff. 2001. Evaluating the health significance of hazardous air pollutants using monitoring data. *Public Health Reports*. 116(1): 32-44.

Patricia A. Buffler and **Amy D. Kyle**. 1999. Carcinogen risk assessment guidelines and children: editorial. *Environmental Health Perspectives*. 107(6) A286-288.

Patricia A. Buffler and **Amy D. Kyle**. 1996. Regulatory reform proposals and the public health. *Environmental Health Perspectives*. 104(4): 356-361.

Tracey J. Woodruff, **Amy D. Kyle**, Frédéric Bois. 1994. Evaluating health risks from occupational exposure to pesticides and the regulatory response. *Environmental Health Perspectives*. 102(12): 1088-1096.

ABSTRACTS AND PRESENTATIONS

Amy D. Kyle. To see, understand, explain, act: Systematic approaches to environmental health protection. Abstract accepted for presentation at the National Environmental Public Health Conference. Atlanta. December 2006.

Amy D. Kyle, Kevin E. Marsee, Miriam Rotkin-Ellman, Martyn T. Smith, John R. Balmes. Factors affecting the use of biomonitoring data in public health surveillance and practice. Abstract accepted for presentation at the American Public Health Association annual meeting. November 2006.

Peter L. deFur, Gary W. Evans, Elaine A. Cohen Hubal, **Amy D. Kyle**, Rachel A. Morello-Frosch, David Williams. Vulnerability as a function of individual and group resources in cumulative risk assessment. Abstract accepted for presentation at the Society for Environmental Toxicology and Contamination annual meeting. November 2006.

Amy D. Kyle. Keynote address. What can we do to protect children from environmental contaminants? Invited Presentation. Children's Environmental Health Summit. September 2006. Vail.

Catherine Thomsen, Kristen Malecki, **Amy D. Kyle**, James VanDerslice. US approach to environmental health indicators and potential for international collaboration. Presentation at the International Society for Environmental Epidemiology annual conference. September 2006.

Catherine Thomsen, Kristen Malecki, **Amy D. Kyle**, James VanDerslice. US approach to environmental health indicators: initial steps, data, and collaboration. Presentation at the International Society for Environmental Epidemiology annual conference. September 2006.

Tracey J. Woodruff, **Amy D. Kyle**, Daniel A. Axelrad. Children's environmental health indicators for the US. Poster presentation at the International Society for Environmental Epidemiology annual conference. September 2006.

Amy D. Kyle. Considering the knowledge base in selecting targets and methods for environmental public health tracking. Presentation at the "Tracks 2006" national conference. August 2006. Atlanta.

Amy D. Kyle. Moving toward systematic approaches to environment and health. Presentation at the annual meeting of the Council of State and Territorial Epidemiologists. June 2006. Anaheim.

Amy D. Kyle. Biological monitoring and health tracking. Invited presentation. American College of Occupational and Environmental Medicine, American Occupational Health Conference. May 2006. Los Angeles.

Amy D. Kyle. Lessons learned in environmental public health tracking. Presentation to the national meeting of the environmental public health tracking network sponsored by the Centers for Disease Control and Prevention. April 2006. Tampa.

Amy D. Kyle. Uses of biomonitoring in environmental health policy. Western Tracking and Biomonitoring Collaborative. March 2006. Phoenix.

Amy D. Kyle. Who's engaging whom? The role of "the public" in environmental public health. Invited presentation for the VIIIth International Conference on Chemical Hazards and Sustainable Communities. Sponsored by the Health Protection Agency of the United Kingdom and the World Health Organization. Cardiff, Wales. December 2005.

Amy D. Kyle and Martyn T. Smith. Approaches to translation of scientific information in environmental health sciences for policy audiences. American Public Health Association annual meeting, December 2005.

Amy D. Kyle. Session Chair. Findings in Toxicology. National Forum on Contaminants in Fish. Baltimore. September 2005.

Amy D. Kyle. Prenatal and early life exposures: implications for environmental health policy. Invited Presentation. Children's Environmental Health Summit. Helena, Montana. August 2005.

Amy D. Kyle. Promoting precaution or raising the bar for action: where are we headed in environmental public health? Invited presentation. Seminar series. Lowell Center for Sustainable Communities. May 2005.

Sharan Campleman, **Amy D. Kyle**, and John Balmes. Birth Defects – Data Availability and Other Factors Relevant to Environmental Public Health Tracking – Report Summary. Poster presentation at the national meeting of the Environmental Public Health Tracking Network. April 2005. Atlanta.

Amy D. Kyle. The significance of metrics for concentrations of environmental contaminants and exposures for environmental public health. Presentation at the American Public Health Association Annual Meeting. November 2004. Washington DC.

Amy D. Kyle. Addressing environmental and health disparities in environmental public health tracking. Presentation at the American Public Health Association Annual Meeting, November 2004. Washington DC.

Woodruff, T.J., D.A. Axelrad, and **Amy D. Kyle**. Incorporating race/ethnicity and social and economic status into measures for tracking children's environmental health. Annual Meeting of the American Public Health Association. 2004. Washington, DC.

Amy D. Kyle. Defining a role for indicators in the environmental public health tracking network. Presentation to plenary session. National meeting of the Environmental Public Health Tracking Network. October 2004. San Francisco.

Amy D. Kyle. The role of indicators in environmental public health tracking. Presentation to seminar series at the Centers for Disease Control and Prevention. August 2004, Atlanta.

Amy D. Kyle, Tracey J. Woodruff. Addressing environmental and health disparities in environmental health tracking initiatives. *Epidemiology*. 15(4): S222, July 2004.

Rachel Morello-Frosch, **Amy D. Kyle,** Tracey J. Woodruff. Integrating individual- and community- level SES data in environmental health tracking: theoretical and methodological considerations. *Epidemiology*. 15(4): S131, July 2004.

Amy D. Kyle. The trajectory of knowledge of links between environmental exposure and developmental effects for children and implications for prevention. Invited presentation. Medical Symposium, Learning Disabilities Association Annual Conference. March 2004.

Amy D. Kyle, Tracey J. Woodruff, Daniel A. Axelrad, John Balmes. Developing the framework for environmental public health tracking. Poster presentation at the American Public Health Association Annual Meeting. November 2003.

Tracey J. Woodruff, Daniel A. Axelrad, **Amy D. Kyle.** Selecting environmentally mediated diseases and disorders when developing environmental health indicators. Poster presentation at the American Public Health Association Annual Meeting, November 2003.

Henry A. Anderson, Daniel Luttinger, Claire H. Prince, Kristin J. Ryan, Monty Elder, William A. Vance, Lynn Schuster, Jean Woodward, **Amy D. Kyle,** A. Christine Eppstein, Patricia I. Elliott, Rebecca L. Smullin. Catching your breath: State strategies to reduce environmental factors that contribute to asthma in children. Poster presentation at the American Public Health Association Annual Meeting, November 2003.

Amy D. Kyle. Children's environmental health: How well can we assess environmental factors and environmentally mediated diseases for children in the US and will environmental public health tracking improve this capacity? Presentation at the Environmental Health Sciences seminar at the University of California Berkeley. November 2003.

Amy D. Kyle. Approaches to integrating air pollution monitoring and health data: does the new national environmental health tracking initiative create opportunities for air pollution control? Invited talk. National meeting of the State and Territorial Air Pollution Program Administrators and the Association of Local Air Pollution Control Administrators. October 2003.

Amy D. Kyle. The role of academic centers in environmental public health tracking. Invited presentation. Inaugural meeting of Environmental Health Forum of the Environmental Council of the States and the Association of State and Territorial Health Officials. August 2003. Salt Lake City.

Amy D. Kyle. Evaluating scientific evidence and arguments in policy contexts: approaches in the US and Europe. University of California Center for Occupational and Environmental Health Annual Symposium. Berkeley, California. April 2003.

Amy D. Kyle and Peggy Reynolds. Environmental public health tracking: can we make it a road to prevention? Presentation to town hall meeting. Oakland. April 2003.

Amy D. Kyle. America's Children and the Environment: lessons for tracking. Presentation to the "kickoff" meeting of the environmental public health tracking network, Centers for Disease Control and Prevention, Atlanta. February 2003.

Amy D. Kyle, Christine Eppstein, Kristin Ryan, Fun Shimabukuru, Patricia Elliott. Integrating health and environment: Approaches to reducing the impact of asthma on children. American Public Health Association Annual Meeting. November 2002.

Tracey J. Woodruff, Daniel A. Axelrad, **Amy D. Kyle**, Onyemaechi Nweke, Gregory Miller. America's Children and the Environment: Updated and Expanded Indicators of Children's Environmental Health. Poster presentation. American Public Health Association Annual Meeting. November 2002.

Amy D. Kyle. Treatment of mercury in fish advisories by states. National Forum on Contaminants in Fish sponsored by the American Fisheries Society. October 2002. Burlington, Vermont.

Amy D. Kyle and Linda Greer. Evaluating scientific evidence in a policy context is different from evaluating evidence in a research context: considering consequences of error in risk assessment. Annual conference of the International Society for Environmental Epidemiology, August 2002. Vancouver.

Amy D. Kyle. 2001. Persistent organic pollutants: implications for waste management policy in the north. Invited presentation. Alaska Native Health Board Conference, All Our Relations. Anchorage, Alaska. October 2001.

Tracey Woodruff, Daniel Axelrad, **Amy D. Kyle**. 2001. America's Children and the Environment: A national report on children's environmental health indicators. Children's Environmental Health II: A Global Forum for Action. September 2001.

Amy D. Kyle. Contaminants: Who bears the brunt? Western Knight Center for Specialized Journalism, University of California Berkeley. Conference title: Covering Fisheries: Environmental, Social, and Economic Issues. February 13, 2001. Berkeley, California.

Amy D. Kyle. Actors and tactics in pesticide regulation: the ozone hole v. the kids. Presentation for the Working Group on Environmental Regulation of the University of California. December 2000.

Amy D. Kyle, Pamela Miller. Are we making progress? Precautionary policy for persistent, bioaccumulative pollutants that affect infants and children. American Public Health Association. November 2000.

Amy D. Kyle, Tracey J. Woodruff, Lawrie Mott, Jane Caldwell, Catherine C. Wright, Patricia A. Buffler. Air pollution and children: Distribution of exposures and risks. American Public Health Association annual meeting. November 1999. Chicago.

Amy D. Kyle, Tracey J. Woodruff, Jane Caldwell, Catherine C. Wright, Patricia A. Buffler. Policy tools for air pollution: considering criteria and hazardous air pollutants together. International Society for Environmental Epidemiology. September 1999.

Amy D. Kyle, Catherine C. Wright, Patricia A. Buffler, Jane Caldwell, Tracey J. Woodruff. Using monitored data on hazardous air pollutants. Invited presentation. Conference on Air Toxics Monitoring to Support EPA's Integrated Urban Air Toxics Strategy. June 1999. . Research Triangle Park, North Carolina.

Amy D. Kyle. Reduction of *in utero* exposures to neurodevelopmental toxicants. Conference on the Environment and Children's Health. New York Academy of Sciences. May 1999.

Amy D. Kyle. The scientific basis for policy for carcinogens: addressing the conflict between certainty and prevention. Poster presentation. Schilling research conference sponsored by the American Cancer Society on the Environment and Cancer. March 1999. Santa Cruz.

Amy D. Kyle, Catherine C. Wright, Tracey J. Woodruff, Jane Caldwell, Patricia A. Buffler. Indicators for hazardous air pollutants. Risk Assessment and Policy Association Biennial Conference. March 1999. Arlington, Virginia.

Amy D. Kyle. Session co-chair. Hazardous air pollutants: new directions for analysis and management. Risk Assessment and Policy Association Biennial Conference. March 1999. Arlington, Virginia.

Amy D. Kyle, Catherine Wright, Tracey J. Woodruff, Patricia A. Buffler. Exposure-based environmental health indicators for children. American Public Health Association annual meeting. November 1998.

Amy D. Kyle, Catherine P. Koshland. Curriculum for leadership in environmental health. American Public Health Association annual meeting. November 1998.

Amy D. Kyle, Tracey J. Woodruff, Devra L. Davis, Patricia A. Buffler. Environmental health indicators for air quality. International Society for Environmental Epidemiology. August 1998.

Amy D. Kyle. US hazardous waste sites: "phantom risk" is code for loss of use of land and groundwater resources. Society for Risk Analysis annual conference. December 1997. Washington, DC.

Amy D. Kyle. Perspectives on policies for food chain contaminants: persistent pollutants and fish. Invited presentation. National Forum on Contaminants in Fish. US Environmental Protection Agency. December 1997. Arlington Virginia.

Amy D. Kyle. Environmental health indicators. Invited presentation for the Office of Air Quality Planning and Standards. September 1997. Research Triangle Park, North Carolina

Amy D. Kyle Session Chair. Emerging Issues in Environmental Health: the Need for Innovation in Research and Policy. American Public Health Association Conference. November 1996. New York City.

Amy D. Kyle. Policy approaches to management of cumulative exposure to air pollutants. American Public Health Association annual meeting. November 1996. New York City.

Amy D. Kyle. Hazardous waste policies in the United States and the European Union. European Environmental Policy Colloquium. May 1995. Berkeley.

Amy D. Kyle. Uses and limitations of comparative risk assessment. National Conference on Comparative Risk Assessment. January 1995. Colorado Springs.

Amy D. Kyle and Rachel Morello-Frosch. Pilot Study of Factors Associated with Pesticide Poisoning Incidents in California. American Public Health Association annual meeting. October 1994. Washington, DC.

Amy D. Kyle and Patricia A. Buffler. Public health and the national debate Over Superfund. Poster presentation. American Public Health Association annual meeting. October 1994. Washington, DC.

Amy D. Kyle. California Comparative Risk Project: Innovation in environmental policy and key results. California Environmental Health Officers Conference. September 1994. San Diego.

Amy D. Kyle. Environmental decision-making and planning in California: Scientific analysis and public values. National Conference on Comparative Risk Assessment. January 1994. New Orleans.

Amy D. Kyle. Health risks and the national debate over Superfund. Lawrence Berkeley Laboratory seminar series. August 1993. Berkeley.

TECHNICAL REPORTS

Miriam Rotkin-Ellman, **Amy D. Kyle**. Biomonitoring Individuals: Ethical Issues Associated with the Development of Biomonitoring Programs. March 2006. A working paper produced by the Berkeley Center for Environmental Public Health Tracking, School of Public Health, University of California Berkeley. 43 p.

Sharan L. Campleman, **Amy D. Kyle**. Birth Defects: Data Availability, Differences in Surveillance, and Environmental Etiology and their Relevance for Environmental Public Health. A working paper produced by the Berkeley Center for Environmental Public Health Tracking, School of Public Health, University of California Berkeley. 213 p.

Peter L. deFur, Gary W. Evans, Elaine A. Cohen Hubal, **Amy D. Kyle**, Rachel Morello-Frosch, David Williams. Vulnerability as a Function of Individual and Group Resources in Cumulative Risk Assessment. Draft discussion paper prepared for the US Environmental Protection Agency. October 2005.

Miriam Rotkin-Ellman, **Amy D. Kyle**, John R. Balmes. Assessment of Options for Tracking of Drinking Water Contaminants and Relevant Data Sources. September 2005. A working paper produced by the Berkeley Center for Environmental Public Health Tracking, School of Public Health, University of California Berkeley.

Amy D. Kyle (ed). 2003. National Forum on Contaminants in Fish Proceedings. Sponsored by the US Environmental Protection Agency and American Fisheries Society.

Amy D. Kyle. Catching Your Breath: Strategies to Reduce Environmental Factors that Contribute to Asthma in Children. 2003. Produced for and with the Environmental Council of the States and the Association of State and Territorial Health Officials.

Tracey J. Woodruff, Daniel Axelrad, **Amy D. Kyle**. 2001. America's Children and the Environment: A First View of Available Measures. US Environmental Protection Agency. Office of Children's Health Protection and Office of Policy, Economics, and Innovation. Washington, DC.

Amy D. Kyle. 1998. Contaminated Catch: Public Health and Policy Concerns for Food Chain Pollutants. Natural Resources Defense Council. New York.

Amy D. Kyle. 1997. Towards innovation in environmental policy: issues in development of environmental health indicators. World Resources Institute.

Amy D. Kyle. 1995. Hazardous waste remediation and civil liability for environmental harm: policy directions in the US and in Europe. In: Super bugs and Hazardous Waste: The Science, Regulation, and Business of Bioremediation in the US and Europe. Center for Western European Studies, University of California, Berkeley, Working Paper No. 5.

William S. Pease, David Albright, Claire DeRoos, Laura Gottsman, **Amy D. Kyle**, Rachel Morello-Frosch, and James C. Robinson. 1995. Pesticide Contamination of Groundwater in California. California Policy Seminar, University of California.

William S. Pease, Rachel A. Morello-Frosch, David S. Albright, **Amy D. Kyle**, James C. Robinson. 1993. Preventing Pesticide-related Illness in California Agriculture: Strategies and Priorities. California Policy Seminar, University of California.

Amy D. Kyle, Rachel Morello-Frosch, James Meyers. 1995. Factors Associated with Pesticide Illnesses in California Agriculture: A Pilot Study. Report to the UC Agricultural Health and Safety Center

Amy D. Kyle. 1993. Analysis of Costs of the OSHA Standards for Arsenic, Ethylene Oxide, and Cotton Dust. Reports completed under contract to the Office of Technology Assessment.

Amy D. Kyle. 1982. Local Planning for Wetlands Management: A Manual for Districts in the Alaska Coastal Management Program. State of Alaska. Juneau.

Amy D. Kyle. 1981. Wetlands Management in Alaska: A Report to the Alaska Coastal Policy Council. State of Alaska. Juneau.

Kenneth Imamura, **Amy D. Kyle**, Douglas R. Redburn, Bruce W. Rummel. 1978. Water Quality Management. State of Alaska. Juneau.

TEACHING

Lecturer, School of Public Health, University of California Berkeley. PH 271E – Science and Policy for Health and Environment. 2002-present.

Guest lecturer. Evans School of Public Affairs, University of Washington. 2005.

Guest lecturer. Environmental Studies Program, University of California Santa Cruz. 2002-2005

Instructor, California Community Action on Toxics, annual training session. 1999 – present.

Lecturer, School of Public Health, University of California Berkeley. PH 298. Seminar for students participating in the Toxic Substances Research and Teaching Program. 1997-2001. (With Catherine P. Koshland.)

Faculty, Occupational and Environmental Medicine Continuing Education. University of California San Francisco. 1997-1999.

Guest lecturer in Environmental Sciences, Policy, and Management, University of California Berkeley. 1999 - 2000.

Faculty, Western States Enforcement Project, risk assessment and hazardous site remediation training, Colorado Springs, 1998.

Faculty, National Association of Attorneys General, national conference on risk assessment and environmental policy for state attorneys general, Denver, 1997.

Faculty, Environmental Law Summer Program. Vermont Law School. 1997.

Guest lecturer in environmental policy, Stanford Law School, spring 1996.

Guest lecturer in comparative environmental policy at UC Berkeley. Fall 1995.

Guest lecturer in environmental health, San Francisco State University. Fall 1994.

PROFESSIONAL ACTIVITIES

National Academy of Sciences. Committee on Emerging Issues and Data on Environmental Contaminants. 2004 – 2007.

Board of Councilors (elected position) Environment section. American Public Health Association. 2005-2007.

Vice chair. California Breast Cancer Research Program Council. 2006-2007.

Invited participant. National convening on integrating local, state, and national concerns into environmental public health. National Association of City and County Health Officials. October 2006.

California Environmental Education Partnership. Sponsored by the California Environmental Protection Agency. On-going.

Scientific advisor. National Disease Cluster Alliance. 2005 – present.

Founding member. State Environmental Health Indicators Collaborative. 2004 – present.

California Breast Cancer Research Program Council. 2004 – 2006.

External reviewer. Institute of Medicine. Committee report on cost effectiveness analysis in regulation for environment and health -- Valuing Health: Cost Effectiveness Analysis for Regulation. 2005.

Invited participant. Environmental Health Disparities Workshop: Connecting Social and Environmental Factors to Measure and Track. May 2005. Ann Arbor.

Proposal review panel. National Center for Metropolitan Transportation Research. 2005.

Expert panel. Environmental Health and Schools. Centers for Disease Control and Prevention, Division of School and Adolescent Health. 2004.

Review panel. Environment and health in climate research. National Oceanic and Atmospheric Administration. June 2004.

Advisory panel. Biomonitoring program for California. California Department of Health Services. 2002-2004.

Advisory panel. San Francisco Foundation. Health and Environmental Justice Initiative. 2002-2004.

Advisory Panel. Environmental Justice Program. California Air Resources Board. 1999 - 2005.

Peer consultation panel. State of the Environment draft report. US Environmental Protection Agency, Office of Environmental Information. November 2003.

Proposal review panel. California Energy Commission. California Institute for Energy Efficiency. 2003, 2004, 2005.

Proposal review panel. University of California Office of the President, California Policy Research Program. 2003, 2004.

Secretariat. International Conference on International Summit on Breast Cancer and the Environment. Devised approach to integrating “expert” and other participants’ views into integrated set of priority areas for future research and policy attention. 2001 - 2002.

Peer review panel. Cumulative Risk Assessment. US Environmental Protection Agency. 2001.

Peer review panel. Environmental Monitoring Programs for Communities. US Environmental Protection Agency. 2001.

Technical advisory committee. US EPA and State of Minnesota. Risk Communication for Contaminants in Fish. 2000-2001.

Roundtable member. RCRA Vision Meeting. US Environmental Protection Agency. Washington, DC. 1999.

Peer review panel, community assessment of hazardous air pollutants, US EPA. 1999.

Peer review panel, fish consumption and risk study, Toxicology Excellence in Risk Assessment. 1998-99.

Research Associate, Public Health Advisory Board, Washington, DC. 1999.

Expert panel. Consultation to review Environmental Health Criteria document “Indicators for Decision-making in Environmental Health. World Health Organization. Geneva. September 1997.

PEER REVIEW FOR JOURNALS

Lancet
Environmental Health Perspectives
American Journal of Public Health
Environmental Management

DISSERTATION

Achieving Public Health Goals at Hazardous Waste Sites: Uses and Limitations of Risk Assessment in a Community Context

Examination fields: Environmental health sciences (toxicology, biostatistics, risk assessment); environmental policy and law; epidemiology

AFFILIATIONS

International Society for Environmental Epidemiology
American Public Health Association
Society for Risk Analysis

AWARDS AND FELLOWSHIPS

2004	Chairman's Award. California Air Resources Board. For contributions to the environmental justice program.
2002	Switzer Foundation Environmental Leadership Award.
1997	Switzer Foundation Environmental Leadership Award.
1995	University of California Toxic Substances Research and Teaching Program Award for Policy Research.
1994	University of California Toxic Substances Research and Teaching Program Fellowship.
1993	University of California Toxic Substances Research and Teaching Program Fellowship
1993	University of California Agricultural Research Center Research Award.
1993	Graduate Division Fellowship.
1992	Switzer Foundation Environmental Fellowship.
1992	University of California Alumni of San Francisco Fellowship.
1991	School of Public Health Alumni Scholarship.
1991	Wellness Scholarship.
1990	Special award for outstanding service. US Environmental Protection Agency.

CONSULTING PROJECTS AND COMMUNITY COLLABORATIONS (SELECTED)

- Consultant to the Clean Estuary Project, a consortium representing the Regional Water Quality Control Board, public utilities, and storm water agencies, on the development of proposals to address public health concerns associated with contaminants in fish and other edible species in San Francisco Bay, to be developed jointly by the management

entities, community organizations, and public health officials using an analytic/deliberative process. On-going.

- Consultant to a consortium of environmental justice organizations on transparent and useful methods for characterization and assessment of net burdens of environmental pollution and related factors for communities in California. On-going.
- Consultant to a consortium of environmental health organizations on approaches to improve assessment and action related to apparent disease clusters. On-going.
- Consultant to the US Environmental Protection Agency on expansion of the framework for cumulative risk assessment to better assess and describe vulnerability of individuals and community, including psycho social factors. 2005.
- Consultant to the National Forum on Contaminants in Fish on emerging environmental health issues, policy approaches, and facilitation of discussions among diverse participants to integrate technical and policy elements into a coherent approach. 2005.
- Consultant to the Bush Foundation on development of a program on ecological health and projects related to this. 2004 to present.
- Consultant to the National Drinking Water Federal Advisory Committee to review and develop methods to identify contaminants of potential or confirmed health concern that could occur in drinking water. 2002 to 2004.
- With the San Francisco Bay Institute, developed indicators to reflect the ecological status of the San Francisco Bay-Rivers-Delta ecosystem and its traits relevant to human populations. 2003.
- In collaboration with legal, technical, and policy experts at the Coalition for Clean Air, California League of Conservation Voters, Citizens for a Better Environment, California Lung Association, Environmental Health Coalition, and California Communities Against Toxics, analyzed information about distribution of air pollution in California and implications for disparate exposures and impacts. 1999 to 2003.
- In collaboration with the Environmental Council of the States, American Conference of State and Territorial Health Officials, and representatives of state health and environment agencies, developed a vision statement and action agenda for actions that state health and environment agencies can take to address environmental factors that contribute to asthma in children. Developed knowledge base of information for state agencies working on reduction of asthma triggers. Developed summary of status of current state programs and define the realm of relevant activities.
- With the American Fisheries Society, provided assistance on the development of agenda items for a national forum on contaminants in fish; analyzed data about state programs to address contaminants in fish; wrote proceedings for national meeting. 2002.
- Review emerging policies for risk assessment and models for harmonization to develop alternatives that are consistent with principles of public health and that reflect the particular needs of children, in cooperation with the Natural Resources Defense Council and a network of scientists. On-going.
- With the Clean Water Fund, developed an inventory of mercury emissions in California as part of a larger project to look at sources of persistent, bioaccumulative, toxic substances in San Francisco Bay. 2000 - 2001.
- With the California Rural Legal Assistance Foundation and other groups, reviewed proposed regulations, scientific literature, available data and supporting documents on use of methyl bromide to propose elements of an approach that would protect farmworkers and their families. 1999 - 2001.

- With California Communities Against Toxics, reviewed the basis for regulatory levels for DDT and its metabolites in soil to develop a level that would be protective of children exposed *in utero*. 2001.
- With the Natural Resources Defense Council, developed and articulated scientific basis for health protective standards for drinking water contaminants including arsenic and chloroform. 1999 to 2002.
- With Alaska Communities Action on Toxics, identified sources of contaminants in fish in Cook Inlet and their potential impacts on subsistence users, particularly to infants and children.
- Reviewed strategies for monitoring of contaminants in fish and wildlife and ways to improve them, for the US Environmental Protection Agency. 2000.
- Reviewed regulations and supporting documents on introduction of metals to soils through disposal of sewage sludge with California Communities Against Toxics to address, in part, potential for accumulation of persistent neurotoxins in soils. 2000.
- With the California Department of Health Services, developed approach for risk assessment for electric and magnetic fields that would incorporate an open assessment of ethical bases for alternative approaches. 1999.