



*Curriculum Vitae*

**Michael E. Belliveau**

**SUMMARY OF QUALIFICATIONS**

Mike Belliveau is an environmental health public health expert with thirty-five years of experience in chemical hazard assessment, chemical policy analysis and green chemistry solutions. He combines strong science-based analytical skills with a proven ability to build alliances and develop consensus among diverse interests. A nationally recognized innovator in environmental health policy development, Mike works to modernize the chemical management system at the state and federal level and promote safer chemicals in consumer products. As a social entrepreneur, he's organized a business-led trade association to promote the use and commercial development of biobased plastics and renewable chemicals from forest products and agricultural waste as a sustainable economic development and job creation strategy.

**CONTACT**

***Work***

Environmental Health Strategy Center  
P.O. Box 2217, Bangor, Maine 04402  
(207) 561-9846 or (207) 631-5565 cell  
[mbelliveau@preventharm.org](mailto:mbelliveau@preventharm.org)

**EDUCATION**

S.B. degree (1979)	Environmental Science	Massachusetts Institute of Technology
Graduate studies	Environmental Management	University of San Francisco
Professional training	Hazardous Materials Management, Clean Production, Groundwater Pollution & Hydrogeology, Art of Collaborative Leadership, Art of Leadership I and II, Seven Habits of Highly Effective People	

**CURRENT POSITIONS**

President and Executive Director	Environmental Health Strategy Center
Senior Advisor	Safer Chemicals, Healthy Families
Vice President	Sustainable Bioplastics Council of Maine

**PUBLICATIONS**

**Articles:**

- 2011 Belliveau ME. "The Drive for a Safer Chemicals Policy in the United States." *NEW SOLUTIONS: A Journal of Occupational and Environmental Health Policy*. 21(3): 359-386.
- 2003 Belliveau ME. "Dioxin Pollution Prevention and PVC Plastic in Municipal Solid Waste: Precautionary State Policy." *Organohalogen Compounds*. 65: 366-369.
- 2002 Belliveau M. "Mercury Pollution – An Environmental Health Tragedy." *The Maine Woods*. 6:1. Spring.
- 1999 Drury RT, Belliveau ME, Kuhn JS, Bansal S. "Pollution Trading and Environmental Injustice: Los Angeles' Failed Experiment in Air Quality Policy." *Duke Environmental Law & Policy Forum*. 9: 231-289.
- 1998 Belliveau M. "Smoke and Mirrors: Will Global Pollution Trading Save the Climate or Promote Injustice and Fraud?" *CorpWatch*. Oct. 1. San Francisco, CA: Transnational Research & Action Center.
- 1997 Belliveau M, Lee C, Brown K, Hansel P, Picciano L, "Community-Driven Research Model." Synthesis Committee, National Institute of Environmental Health Sciences Grantees
- 1997 Belliveau ME. "Environmental Justice: Southeast Los Angeles Environmental Health Project." in Abstracts Eighteenth Annual Meeting of the American College of Toxicology Nov 9-12, 1997. *International Journal of Toxicology*. 16:669-682(14).
- 1987 Belliveau M. "Proposition 65 – An Environmental View." California Water Resources Center.

**Books:**

- 1991 Mann E, L.A.'s *Lethal Air: New Strategies for Policy, Organizing and Action*. Los Angeles, CA: Labor/Community Strategy Center. October. (M Belliveau wrote the air toxics section).
- 1990 Belliveau, ME. *How Green is My Home?* San Francisco, CA: Mother Jones Foundation.
- 1985 Sherry S, Belliveau M, et al. *High Tech and Toxics: A Guide for Local Communities*. Washington, DC: Conference on Alternative State and Local Policies. June.

**Reports:**

- 2014 *Hormones Disrupted: Toxic Phthalates in Maine People*. Portland, ME: Alliance for a Clean and Healthy Maine. (with E Halas-O'Connor, A Boots, A Sears and E Postman).
- 2012 *Safer Alternatives to Bisphenol A (BPA) are Available for Food and Beverage Packaging for Young Children: An Assessment of BPA-Free Alternatives for Infant Formula, Baby*

- Food and Toddler Food.* Bangor, ME: Environmental Health Strategy Center, Alliance for a Clean and Healthy Maine.
- 2011 *Poison in Paint, Toxics in Toys: An exclusive report on household products that contain two chemicals that wreak hormone havoc: NPEs (nonylphenol ethoxylates) and BPA (bisphenol A).* Bangor, ME: Environmental Health Strategy Center. (with S Taylor).
- 2010 *Healthy States: Protecting Families from Toxic Chemicals While Congress Lags Behind.* Washington DC: Safer Chemicals Healthy Families and SAFER States.
- 2007 *Body of Evidence: A Study of Pollution in Maine People.* Portland, ME: Alliance for a Clean and Healthy Maine. (with C Schmitt, R Donahue and A Sears).
- 2006 *A Framework for Chemicals Policy Reform: Issues in Model Policy Development.* Bangor, ME: Environmental Health Strategy Center. (with M Rossi and L Valeriano).
- 2005 *Known Hazard, Unrecognized Danger: Lead Exposure in Maine's Workforce.* Augusta, ME: Maine Labor Group on Health & Environmental Health Strategy Center (with V Carter and P Crockett).
- 2004 *Persistent Polluters of Maine: The Routine Release of Persistent, Bioaccumulative and Toxic Chemicals (PBTs) to Air, Water and Land from Major Industries in Maine.* Bangor, ME: Environmental Health Strategy Center, Maine People's Resource Center & Alliance for a Clean and Healthy Maine. (with J Graham).
- 2004 *PVC – Bad News Comes in 3's: The Poison Plastic, Health Hazards and the Looming Waste Crisis.* Falls Church, VA: Center for Environment, Health and Justice. (with S Lester).
- 2001 *Closing the Loop: Sustainable Production in Maine.* Augusta, ME: Natural Resources Council of Maine.
- 1989 *A Fragile Shield Above the Golden State: California's Contribution to the Chemical Destruction of Earth's Protective Ozone Layer.* San Francisco, CA: Citizens for a Better Environment. (with J May).
- 1989 *Richmond at Risk: Community Demographics and Toxic Hazards from Industrial Polluters.* San Francisco, CA: Citizens for a Better Environment. (with M Kent and G Rosenblum).
- 1987 *Toxic Hot Spots in San Francisco Bay.* San Francisco, CA: Citizens for a Better Environment. (with G Karras).
- 1985 *Toxics Down the Drain: A Review of Industrial Compliance with Federal Pretreatment Standards in California.* San Francisco, CA: Citizens for a Better Environment. November.
- 1983 *Toxics in the Bay: An Assessment of the Discharge of Toxic Pollutants to San Francisco Bay by Municipal and Industrial Point Sources.* San Francisco, CA: Citizens for a Better Environment. (with D Kopec and M Gourevitch).

- 1982 *On-site Hazardous Waste Management in Los Angeles County, California.* Los Angeles, CA: Citizens for a Better Environment. June.
- 1981 *On-Site Hazardous Waste Management in the San Francisco Bay Area.* San Francisco, CA: Citizens for a Better Environment.

## AWARDS & HONORS

- 2012 Best Paper of the Year, from Occupational Health Section, American Public Health Assn.
- 2009 The Frank Hatch Award for Enlightened Public Service, from John Merck Fund
- 2008 Rising Tide Award for Social Change, from Maine People's Alliance
- 1986 One of 86 people likely to have a major impact on the state, by *California Magazine*

## LECTURES GIVEN

Bowdoin College	Environmental Economics
Colby College	Environmental Health
San Jose State University	Environmental Policy
San Francisco State University	Environmental Justice
Stanford University	Environmental Engineering
University of California Berkeley	Environmental Science, Energy & Resources
University of California Los Angeles	Environmental Health and Justice
University of Maine	Environmental Policy, Toxicology
University of Southern Maine	Toxicology

## PUBLIC SERVICE

### ***Maine (2000 - present):***

- Stakeholder Group, Toxic Chemicals in Children's Products, Department of Environmental Protection (DEP)
- Governor's Task Force to Promote Safer Chemicals in Consumer Products
- Advisory Committee, Pollution Prevention & Compliance Assistance Program, DEP
- Smart Production Advisory Council, DEP
- Lead Education Advisory Council, Childhood Lead Poisoning Prevention Program, Bureau of Health,
- Planning Consortium, Environmental Public Health Tracking Program, Maine Center for Disease Control and Prevention
- Advisory Committee on Mercury Switches in Automobiles, DEP

Stakeholders Group, Maine Hospital Pollution Prevention Initiative, DEP  
Advisory Committee on Toxic Air Contaminants, DEP  
Task Force to Reduce the Volume and Toxicity of Plastics in Solid Waste, State Planning Office  
Advisory Committee on Household Hazardous Waste Management, DEP / State Planning Office

**California (1980 - 1999):**

Hazardous Waste Management Council (appointed by the Governor)  
Advisory Committee, Alternatives to the Land Disposal of Hazardous Waste, Governor's Office  
of Appropriate Technology  
Public Advisory Committee, Water Quality Update to Environmental Management Plan,  
Association of Bay Area Governments  
Stakeholder Advisory Group, California Environmental Technology Partnership, Department of  
Toxic Substances Control  
Advisory Committee, Toxic Air Contaminants, Bay Area Air Quality Management District  
Advisory Committee, Mercury Water Quality Strategy, Regional Water Quality Control Board,  
San Francisco Bay Region

**Federal (1985 - present):**

Work Group, New England Green Chemistry Initiative, U.S. Environmental Protection Agency  
(US EPA), Region 1  
Stakeholder Group, Reform of Toxic Substances Control Act, Committee on Energy and  
Commerce, House of Representatives, U.S. Congress  
Public Advisory Committee, Integrated Environmental Management Project - Santa Clara Valley,  
California, US EPA, Region 9  
Public Advisory Group, San Francisco Bay-Delta Estuary Project, US EPA, Region 9  
Subcommittee, Petroleum Refining Sector, Common Sense Initiative, US EPA

**PUBLIC POLICY**

**Maine state law:**

2013 *Resolve, Regarding Legislative Review of Portions of Chapter 882: Designation of Bisphenol A as a Priority Chemical and Regulation of Bisphenol A in Children's Products: A Major Substantive Rule of the Department of Environmental Protection (Chapter 44) – Authorizes final adoption of a rule to require safer alternatives to BPA in infant formula cans and baby food jar lids*

- 2012 *Joint Resolution Memorializing the President of the United States and the United States Congress to Reform the Federal Toxic Substances Control Act of 1976 (SP 679)* – Supports TSCA reform.
- 2011 *An Act to Provide the Department of Environmental Protection with Regulatory Flexibility Regarding the Listing of Priority Chemicals (Chapter 319)* – Clarifies and strengthens Maine’s Kid Safe Products Act.
- 2011 *Resolve, Regarding Legislative Review of Portions of Chapter 882: Designation of Bisphenol A as a Priority Chemical and Regulation of Bisphenol A in Children's Products, a Major Substantive Rule of the Department of Environmental Protection (Chapter 25)* – Authorizes final adoption of rule to require safer alternatives to BPA in reusable food and beverage containers.
- 2010 *An Act to Improve Toxics Use Reduction and Reduce Energy Costs to Maine Businesses (Chapter 579)* – Streamlines and modernizes Maine’s Toxics Use Reduction Act
- 2010 *An Act to Clarify Maine’s Phaseout of Polybrominated Diphenyl Ethers (Chapter 610)* – Phases out the use of PBDEs flame retardants in plastic shipping pallets.
- 2008 *An Act to Protect Children’s Health and the Environment from Toxic Chemicals in Toys and Children’s Products (Chapter 643)* – Creates a comprehensive chemical policy to identify priority chemicals, require disclosure of use in products, and authorize requiring of safer alternatives.
- 2007 *An Act to Protect Pregnant Women and Children from Toxic Chemicals Released into the Home (Chapter 296)* – Phases out uses of DecaBDE flame retardant in favor of safer alternatives.
- 2005 *An Act to Prevent Lead Poisoning of Children and Adults (Chapter 403)* – Establishes the Lead Poisoning Prevention Fund based on a fee on paint manufacturers to fund prevention programs.
- 2004 *An Act to Reduce Contamination of Breast Milk and the Environment from the Release of Brominated Chemicals in Consumer Products (Chapter 629)* – Restricts the brominated flame retardants (BFRs) known as PBDEs by a ban on Penta and Octa, with a goal to phase out Deca.
- 2004 *An Act to Protect Public Health and the Environment by Providing for a System of Shared Responsibility for the Safe Collection and Recycling of Electronic Waste (Chapter 661)* – Establishes manufacturer responsibility to finance electronic waste collection and recycling.
- 2004 *An Act to Protect Public Health and the Environment by Improving the System for the Collection and Recovery of Mercury-added Thermostats (Chapter 640)* – Requires thermostat manufacturers to pay an incentive to increase collection and recycling of mercury thermostats.

- 2003 *An Act to Protect Public Health by Reducing Human Exposure to Arsenic* (Chapter 457) – Speeds the phase-out of arsenic-treated wood and improves public right to know during home sales.
- 2003 *An Act to Reduce Mercury Use in Measuring Devices and Switches* (Chapter 221) – Phases out most uses of mercury in instruments and switches in favor of safer alternatives.
- 2002 *An Act to Prevent Mercury Emissions when Recycling and Disposing of Motor Vehicles* (Chapter 656) – Requires automobile manufacturers to pay a financial incentive to increase the recovery of mercury switches prior to the scrapping of cars.
- 2002 *An Act to Phase out the Availability of Mercury-added Products* (Chapter 620) – Phases out the sale of mercury thermostats in favor of safer alternatives.
- 2001 *An Act to Reduce the Release of Dioxin from Consumer Products into the Environment* (Chapter 277) – Bans out-of-door burning of municipal waste and construction and demolition debris (in ‘burn barrels’) and educates consumers about dioxin-forming products such as PVC plastic.
- 2001 *An Act to Further Reduce Mercury Emissions from Consumer Products* (Chapter 373) – Bans the sale of elemental mercury, mercury thermometers and manometers, & mercury use in schools.
- 2000 *An Act to Reduce the Release of Mercury into the Environment from Consumer Products* (Chapter 779) – Requires labeling and recycling of mercury products, and bans its disposal in solid waste.

**California state law:**

- 1989 *The Bay Protection and Toxic Cleanup Act* (Water Code Sections 13390 *et seq.*) – Establishes statewide program to identify and remediate toxic sediment contamination in enclosed bays and coastal waters to protect fish and wildlife and human health.
- 1987 *The Air Toxics “Hot Spots” Information and Assessment Act* (AB 2588) – Requires industrial facilities to report toxic air emissions, characterize health risks and notify residents of risks.
- 1986 *The Safe Drinking Water and Toxic Enforcement Act (Proposition 65)* – Prohibits drinking water contamination and requires public warning of significant exposures to carcinogens and reproductive toxicants
- 1984 *The Toxic Pit Cleanup Act* (Health and Safety Code Sections 25208 *et seq.*)– prohibits hazardous waste disposal in surface impoundments that do not have secondary containment, leachate collection and monitoring.
- 1983 AB 2103 (Chapter 1045) – Requires public reporting of hazardous materials stored in underground tanks

- 1983 AB 1362 (Chapter 1046) – Requires new underground storage tanks to have secondary containment and leak detection, and for existing underground tanks to monitor for leaks.

**Local Ordinances:**

- 1983 Santa Clara County (California) Hazardous Materials Storage Ordinance – Regulates the storage of hazardous materials both above ground and below ground, establishing public right to know.
- 1982 Toxics Right-to-Know Ordinances in San Francisco, Santa Monica, Sacramento, etc. – Establishes the public’s right to know about the use of hazardous materials by local business and facilities

**CONGRESSIONAL TESTIMONY**

- 1996 Public Meeting, The Presidential / Congressional Commission on Risk Assessment and Risk Management, San Francisco, CA. re: *Risk Assessment and Risk Management in Regulatory Decision-Making*.
- 1995 Field Hearing, Rep. Norman Mineta (D-San Jose) and Rep. Anna Eshoo (D-Atherton), Menlo Park, CA. re: *Environmental Science and the Proposed Elimination of the United States Geological Survey*. Feb. 17.
- 1994 Oversight Hearing, Subcommittee on Oversight and Investigations, House Committee on Natural Resources, Richmond, CA. re: *The Community and Toxics: Accidents Involving Hazardous Materials*.
- 1983 Joint Hearing, Subcommittee on Natural Resources, Agricultural Research and Environment of the House Committee on Science and Technology; and California Assembly Committee on Consumer Protection and Hazardous Materials, Glen Avon, CA. re: *Cleaning Up the Stringfellow Acid Pits Toxic Waste Site*. April 22.

**CONFERENCE PRESENTATIONS** (selected invitations)

- 2013 “Mind the Store” at BizNGO Work Group on Safer Chemicals and Sustainable Materials. Boston, MA. December 4.
- 2008 “State Chemical Policy” at Business-NGO Working Group on Safer Chemicals and Sustainable Materials. New York, NY. October 30.
- 2008 “Maine’s Kid Safe Products Act” at Chemical Policy Forum, New York Department of Environmental Conservation. Albany, NY. September 28.

- 2008 “Growing Maine’s Green Economy: Better Living Through Green Chemistry” *at* Fall Retreat, Environmental Grantmakers Association. Mohonk, NY. September 23.
- 2007 “Toward a Sustainable Economy: Bioplastics from Maine Potatoes” *at* Annual Meeting, Health and Environmental Funders Network. Warrenton, VA. November 29.
- 2007 “Maine’s Policy to Phase-Out the DecaBDE Flame Retardant” *at* Policy Retreat, National Caucus of Environmental Legislators. Washington, DC. October 29.
- 2007 “Sustainable Bioplastics from Maine Potatoes” *at* Annual Summit, GrowSmart Maine. Augusta, ME. October 19.
- 2007 “United States of Safer Alternatives” *at* Advancing Alternatives Assessment for Safer Chemicals Policy: Links to Stockholm Convention’s POPRC, International POPs Elimination Network. Lowell, MA. June 12.
- 2007 “The States’ Interest in a Stronger Kid Safe Chemicals Act” *at* Federal Chemical Policy Forum, Environmental Working Group/Coming Clean Collaborative. Washington, DC. May 1.
- 2006 “Phasing Out Persistent Toxic Chemicals in Maine” *at* First Citizen Conference on Precaution, Center for Health, Environment and Justice. Baltimore, MD. June.
- 2003 Emcee/Workshop Leader, *at* Making the Connection: Human Health and the Environment, Environmental Health Strategy Center/Physicians for Social Responsibility/University of New England College of Osteopathic Medicine. Biddeford, ME. October 24.
- 2002 “Long Term Storage of Surplus Commodity Mercury” *at* Long Term Management of Surplus & Recycled Mercury & Mercury-Bearing Waste, Northeast Waste Management Officials Association, Boston, MA: May 1-3.
- 2002 “Maine Hospital Pollution Prevention Agreement” *at* Hospitals for a Healthy Environment, New Hampshire Nurses Association. Bedford, NH.
- 2001 “Closing the Loop: Sustainable Production in Maine” *at* Clean Production Summit, Deep South Center for Environmental Justice, Xavier University. New Orleans, LA.
- 1997 “Environmental Justice: Southeast Los Angeles Environmental Health Project.” *at* Eighteenth Annual Meeting of the American College of Toxicology. McLean, VA: Nov 9-12.
- 1988 “Environmental Justice: Richmond, California” *at* Annual Meeting, American Association for the Advancement of Science, Chicago, IL.
- 1981 “First National Citizens Conference on Toxic Substances” WV

## **MEDIA**

Featured many times in print, radio, television and web-based media coverage, including:

“86 runners take your places! (forecast for how important Californians will fare in the next decade)”. *California Magazine*. 11: 103(5). Jan 1986.

**POSITIONS HELD**

President, Executive Director	Environmental Health Strategy Center	Portland, Maine
Project Director,	Natural Resources Council of Maine	Augusta, Maine
Toxics & Clean Production		
Consultant	Clean Water Fund, Silicon Valley Toxics Coalition, others	Maine / California
Executive Director	Just Economics for Environmental Health	Montara, CA
Executive Director	Communities for a Better Environment	San Francisco, CA
Program Director,	Citizens for a Better Environment	San Francisco, CA
Research Director/Associate		
Research Associate	Massachusetts Institute of Technology	Cambridge, MA