

## **Christine F. Chaisson PhD**

**Affiliation:** Director, Senior Scientist/Risk Assessor, The Lifeline Group.

**Expertise:** Model design for aggregate and cumulative risk

**Education:** PhD in Biochemistry, George Washington University, Washington, DC;  
BA in Biology, Boston University, Boston Massachusetts.

**Experience Summary:** For almost four decades Dr. Chaisson led the design of multiple assessment models addressing aggregate and cumulative risk concepts, exposure-based chemical prioritization, dietary and activity profiling for unique communities (including tribal and ethnically defined communities) and post-disaster chemical hazard profiling for communities. Dr. Chaisson began her career in risk assessment in the US Environmental Protection Agency in the Office of Pesticides and Toxic Substances. At EPA Dr. Chaisson designed a probabilistic dietary exposure assessment model to aid pesticide regulatory decision-making. She was also the liaison to international regulatory agencies such as AID and WHO. In 1985, Dr. Chaisson co-founded Technical Assessment Systems (TAS), which became a premier exposure/risk assessment consulting firm internationally. Dr. Chaisson co-founded The LifeLine Group in 2000, a not-for-profit organization developing publicly available state-of-the-art exposure and risk assessment models with applications to contemporary issues. Dr. Chaisson led research for Smithsonian curators at the Museum of the American Indian to assess potential exposures resulting from their work with artifacts made with toxic paints or stored in containers with very toxic pesticides. Dr. Chaisson has been a Councilor in the International Society of Exposure Assessment, a member of Society of Risk Assessment [past President of its DC chapter], the Toxicology Forum, The United Agribusiness League and the Institute of Food Technologists. She also served on the National Council for Arts and Sciences of the George Washington University and the Dean's Advisory Board for the GWU Graduate School of Political Management. Dr. Chaisson serves as a member of the External Advisory Board of the Center for Indigenous Environmental Health Research at the Zuckerman College of Public Health / University of Arizona. She is an advisor to Food Quality magazine. She has published extensively in the fields of exposure and risk assessment. In 2011 Dr. Chaisson was the invited Co-Chair of the Milan ISES/SETAC special conference on exposure science challenges presented by global legislative initiatives on consumer products and chemicals in trade. Career activity in additional organizations include Society of Environmental Toxicology and Chemistry, International Society of Regulatory Toxicology and Pharmacology, and the Institute of Food Technology. Dr. Chaisson mentored several doctoral students' thesis projects (including Boston University, Johns Hopkins University, University of California, University of Arizona). Currently Dr. Chaisson is a Director and Senior Scientist of The LifeLine Group, directing research including serving as Co-PI on projects funded by NIEHS.

### **Panel Experience:**

2010-present External Advisory Board of the Center for Indigenous Environmental Health Research at the Zuckerman College of Public Health / University of Arizona