

## **Dr. Brent Kerger**

Dr. Brent Kerger is a Principal Scientist in Exponent's Health Sciences Center for Toxicology and Mechanistic Biology. A board-certified toxicologist, Dr. Kerger specializes in the study of environmental chemical fate and transport, exposure assessment, pharmacokinetics, and adverse human health effects. He has over 33 years of experience conducting and managing laboratory, field, and clinical studies of exposure, toxicology, epidemiology, and disease causation analysis. He provides scientific and strategic consultation regarding regulatory and litigation matters including 24 years of environmental chemistry and toxicology expert witness experience. He has in-depth expertise regarding asbestos, talc, dioxins and furans, PCBs, PAHs, chlorinated solvents, benzene and petroleum products, irritant gases, flavoring chemicals, and heavy metals.

He has over 29 years of experience as a professional toxicologist focusing on:

- Multi-disciplinary research in fate/transport, exposure assessment and toxicokinetics;
- Design and implementation of studies to characterize exposure/dose and toxicity;
- Human health and ecological risk assessments including complex indirect pathways;
- Evidence-based approaches for analysis of epidemiologic studies; and
- Disease causation analysis using the Hill Criteria and alternative cause assessment.