



Barbara D. Beck, PhD, DABT, ATS, AAAS Fellow
Principal
Toxicologist & Risk Assessor
Gradient

Barbara D. Beck is the Principal Toxicologist & Risk Assessor at Gradient. Dr. Beck is an expert in toxicology and in health risk assessment for environmental chemicals, especially metals, complex organic compounds, and air pollutants, and is the author of over 100 book chapters and journal articles on these topics. She has performed site-specific and chemical-specific risk assessments, developed exposure and risk assessment methodologies, and has presented the results to different audiences including regulatory agencies, the US Congress, and the public. Before joining Gradient, she was Chief of Air Toxics Staff for US EPA Region I. Prior to that she was a Fellow in the Interdisciplinary Programs in Health at the Harvard School of Public Health. She was a Visiting Scientist in the Department of Environmental Health at the Harvard T.H. Chan School of Public Health through 2018. She was a member and vice- chair of the US EPA Science Advisory Board (SAB) from 2019 to March 2021, and was reappointed as a member of the US SAB in August, 2021. She is also a member of the US EPA Chemical Assessment Advisory Committee. She has a BA *cum laude* in biology from Bryn Mawr College and a PhD in molecular biology and microbiology from Tufts University.