

Alex L. D. Stanton, Ph.D.

Chemical Analyst

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Dr. Alex L. D. Stanton is a seasoned Chemical Analyst with a Ph.D. in Chemistry and over a decade of experience at the intersection of chemical regulation, scientific policy, and advanced materials.

In her recent position as a chemistry lead at the U.S. Environmental Protection Agency (EPA), she led the development and technical review of risk assessments under the Toxic Substances Control Act (TSCA), focusing on emerging technologies such as nanomaterials and PFAS.

Dr. Stanton brings deep knowledge in chemical characterization, regulatory compliance, and science policy development. She has represented the United States in international scientific forums including the International Standards Organization (ISO) and the OECD, where she contributed to global guidance on nanotechnology and chemical safety. She also supported emergency response efforts such as the 2023 train derailment in East Palestine, Ohio.

At Wiley, she leverages her government, scientific, and technical acumen to support clients in navigating complex chemical regulatory landscapes, interpreting evolving legislation, and aligning product innovation with environmental and safety compliance.

Professional Experience

- U.S. Environmental Protection Agency, Office of Chemical Safety and Pollution Prevention
- Acting Special Assistant to the Office of Pollution Prevention and Toxics (OPPT) (2024-2025)

Practice Areas

Environment & Product Regulation

Credentials

Education

B.S., University of Arizona
Ph.D., University of Illinois Urbana Champaign

- Lead Chemist, New Chemicals Division (NCD) (2021-2025)
- Acting Supervisory Chemist, NCD (2024-2024)
- Program Manager, Chemist, Office of Pollution Prevention and Toxics (OPPT)/NCD (2017-2021)
- Staff Scientist, OPPT (2021-2021)