



Ted W. Simon, Ph.D., DABT

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Areas of Expertise

- Air Contaminants
- Carcinogenesis
- Chemical Emissions
- Chemical Mutagenesis
- Dram Shop
- Drug Abuse
- Drug/ Alcohol Toxicology
- DUI
- Environmental Assessments
- Environmental Chemical Sensitivity
- EPA
- Forensic Toxicology
- Hazardous Materials/ Waste
- Mold & Toxicology
- Occupational, Environmental & Medical Toxicology
- Oil/Petroleum Spills
- PCBs
- Pesticides/ Insecticides/ Biocides
- Pollution
- Soil Contaminants
- Solvents
- Toxic Inhalations
- Toxicology Risk Assessment

Recent Employment History

- 2004 - present Principal, Ted Simon, LLC Winston, GA
- 2006 - present Adjunct Professor, Environmental Health Science, College of Public Health, University of Georgia, Athens, GA
- 1996 - 2006 Toxicologist, US Environmental Protection Agency, Region 4, Atlanta, GA
- 2001 - present Instructor, Dept. of Environmental Health Science, Univ. of Georgia, Athens, GA

Professional Memberships & Certification

- 1997 - present Society for Risk Analysis
- 1995 - present Society of Toxicology
- 1994 - present Diplomate of the American Board of Toxicology (DABT)

Recent Publications & Lectures

- (Abstract) Simon TW & Janus E, (2018) Driving Impairment from Cannabis Use: Prediction of Δ^9 -Tetrahydrocannabinol (THC) Blood Levels Using Driving Simulator Results and Alcohol Crash Risk, Society of Risk Analysis
- (Journal) Simon TW, (2018) Providing context for phosphatidylethanol as a biomarker of alcohol consumption with a pharmacokinetic model, *Regul Toxicol Pharmacol* 94:163-171
- (Textbook) **Simon T.** *Environmental Risk Assessment: A Toxicological Approach.* (2014)
- (Journal) **Simon TW**, Zhu Y, Dourson ML, Beck N. (2016) Bayesian Methods for Uncertainty Factor Application for Derivation of Reference Values, *Regul Toxicol Pharmacol* 80:9-24
- (Journal) Beck MB, Becker RA, Erraguntla N, Farland WH, Gray G, Kirman C, Lakind JS, Lewis RJ, Nance P, Pottenger LH, Santos SL, Shirely S, **Simon T**, Dourson ML. (2016) U.S. Environmental Protection Agency's Integrated Risk Information System (IRIS). *Environ Int* 89-90:110-128
- (Lecture) 2016 "Quantitative Prediction of Phenotypic Change from High Throughput Assay Results," EPA Workshop on In Vitro Extrapolation, February, Research Triangle Park, NC

Key Experience: Litigation Support/Work for Legal Application

- 2018** Expert Testimony about alcohol as a factor in a motor vehicle death
- 2018** Expert Deposition about interpretation of postmortem drug levels in blood
- 2017** Expert Testimony about biomarkers of regular alcohol consumption
- 2017** Expert Testimony on the disposition and effects of cannabis for Workman's Comp
- 2015 - 16** Expert Report on the Toxicity of Dioxin-like Chemicals