Guiney, Patrick D., PhD

Dr. Patrick Guiney is an Adjunct Professor of Environmental Toxicology at the University of Wisconsin-Madison. He was previously Director of Global Environmental Safety at S.C. Johnson & Son, Inc. where he was responsible for conceiving and implementing global environmental toxicology research strategies and policies. Dr. Guiney has 41 years of broad-based experience in human health and ecological risk assessments. He has served internationally as Chair of several multidisciplinary scientific committees and advisory panels including the US EPA's Endocrine Disrupter Screening and Testing Standardization and Validation Ecotoxicology Advisory Panel. He is the Past President of the Society of Environmental Toxicology and Chemistry (SETAC)'s World Council (SWC). He has served on the SETAC North American Board of Directors for 8 years, on the SETAC World Council for 11 years. Dr. Guiney is a Charter Member of SETAC and in 2015 he was awarded the honor of being named a SETAC Fellow. Dr. Guiney is a co-developer of S.C. Johnson's award-winning Greenlist™ Program (an integrated computer-based approach for designing superior performing, environmentally responsible products from concept to market). He is also co-recipient of EPA's 2006 Green Chemistry Award for work on Greenlist™ and co-recipient of the 2006 Presidential Award for Corporate Leadership-Environmental Sustainability (The Ron Brown Award). Dr. Guiney received his Ph.D. in Environmental Toxicology from the University of Wisconsin-Milwaukee. He has conducted research into the transport, bioaccumulation and fate of toxic substances at various levels of biological organization (molecular/biochemical to field studies). His current research interests include the application of molecular based models for screening and prioritizing potential endocrine disrupters, quantitative structure-activity relationships for investigating mechanisms of toxicity, ecological hazard and exposure assessment modeling for risk assessment, and alternative methods for predicting the bioaccumulation of persistent chemicals. Dr. Guiney has a keen interest in improving methods used to generate evidence-based ecotoxicology for the enhancement of international acceptability and better policy decisions. He has published 46 peer-reviewed scientific papers in these areas of research.