

Richard Judson is with the EPA National Center for Computational Toxicology where he is developing computer models and databases to help predict toxicological effects of environmental chemicals. As part of the EPA ToxCast team, he leads the bioinformatics efforts. A major current focus is on the development of models of chemicals interacting with the endocrine system. His team has developed numerous databases including ACToR (Aggregated Computational Toxicology Resource), which is compiling publicly available data on environmental chemicals (<http://actor.epa.gov>); ToxCastDB, managing data from ToxCast; and CPCat, a database of chemical and product categories. He has published in areas including computational biology and chemistry, bioinformatics, genomics, human genetics, toxicology and applied mathematics. Prior to joining the EPA, Dr. Judson was founder of GAMA BioConsulting, a bioinformatics company. From 1999-2006, Dr. Judson was with Genaisance Pharmaceuticals where he was Senior Vice President and Chief Scientific Officer. Previously, he held research positions at CuraGen from 1997-1998, Sandia National Laboratories from 1990-1996 and University of Houston from 1994-1995. Dr. Judson has a BA in Chemistry and Chemical Physics from Rice University and an MA and PhD in Chemistry from Princeton University.