

**David N. Iklé, Ph.D.**

Institution : <http://www.rhoworld.com/rho/federal-research/principal-investigators>



David N. Iklé, Ph.D. received his BS in mathematics from University of Texas at El Paso in 1971, his MS in statistics from Colorado State University, Ft. Collins, CO in 1975 and his Ph.D. in biometrics from University of Colorado Health Sciences Center, Denver, CO in 1980. Dr. Iklé served as a Senior Statistician with Rockwell International, Golden, CO, and consulting statistician with University of Denver from 1980 to 1988. From 1988 to 1999, he was Chief, Biostatistics and Academic Computing at the National Jewish Medical and Research Center, Denver, CO, and Assistant Professor, Preventive Medicine and Biometrics, University of Colorado Health Sciences Center. From 1999 to 2004, Dr. Iklé was the Associate Director, Biostatistics, at the City of Hope Comprehensive Cancer Center and Professor, Biostatistics, at the Beckman Research Institute in Duarte, CA. From 2004-2009, he was Statistical Science Director, Biostatistics, with PPD Inc, in Wilmington, NC, where he directed coordinating centers responsible for more than 15 solid organ transplant trials. Dr. Iklé is currently Senior Statistical Scientist at Rho Federal Systems Division, Inc., Chapel Hill, NC, where he is Principal Investigator (PI) of the Statistical and Clinical Coordinating Center (SACCC) of the Clinical Trials in Organ Transplantation (CTOT) and Clinical Trials in Organ Transplantation in Children (CTOT-C) consortia and Co-PI of the Statistical and Data Coordinating Center (SDCC) for the NIAID-funded Immune Tolerance Network (ITN), which conducts clinical trials in allergy, asthma, autoimmune diseases and solid organ transplantation.

Dr. Iklé has more than 25 years experience in the design and analysis of clinical trials and more than 10 years experience serving in a leadership capacity in NIH-funded clinical trial network data coordinating centers in oncology, organ transplantation, asthma and diabetes. In particular, he has been the senior biostatistician in the design, conduct and analysis of more than 25 multi-center clinical trials in solid organ transplantation. He has taught graduate level courses in biostatistics and consulting methods and has been a frequent invited speaker on topics in biostatistics and bioinformatics. He has served on numerous NIH special emphasis panels, study sections and review committees reviewing bioinformatics, biostatistics and administrative functions of contract and grant applications in oncology and immunology. In addition, Dr. Iklé has collaborated on over 50 peer-reviewed publications in basic science and in clinical trials design and analysis and is a biostatistics referee for the Journal of Allergy and Clinical Immunology.

Dr. Iklé's research interests are primarily in the development of analysis strategies for accurately predicting clinical outcomes from repeated measures of biomarkers and clinical parameters. This interest is especially relevant to the success of clinical trials supported by the CTOT and CTOT-C consortia, since their primary objectives are to illuminate mechanistic pathways related to graft success and other clinical outcomes in solid organ transplant patients. His additional interests are in developing methods for the more efficient design of clinical trials in organ transplantation with finite eligible patient populations, allowing sound therapeutic decisions to be made with fewer subjects.