



Barbara C. Tilley, Ph.D. graduated from California State University, Northridge, California with a B.A. in Mathematics. She obtained an M.S. in Biomathematics from University of Washington, Seattle, and a Ph.D. in Biostatistics from the University of Texas, School of Public Health in Houston. She is Director of the Division of Biostatistics at The University of Texas School of Public Health in Houston and Lorne Bain Distinguished Professor. She was Chair of the Department of Biostatistics, Bioinformatics and Epidemiology at the Medical University of South Carolina (MUSC) from January of 1999 until she came to Houston in July 2009. She was also Distinguished University Professor at MUSC. She led such studies as the Coordinating Center for the NINDS t-PA Stroke Trial, the NIAMS Minocycline in Rheumatoid Arthritis Trial (MIRA), and the NCI Next Step Trial (a trial to increase fiber, decrease fat, and increase colorectal screening in a large occupational cohort).

She has been Principal Investigator of the Statistical Coordinating Center for the NINDS Parkinson's Disease Trials (NET-PD) since its inception in 2001. She also leads the Statistical Center for the NINDS Effects of Erthyropoeitin on Cerebral Vascular Dysfunction in Traumatic Brain Injury Trial (EPO) and the NHLBI Data Coordination Core for the ROC Prospective, Randomized Optimal Platelet and Plasma Ratios Trial (PROP:P:R). She directs an NIGMS training grant in Biostatistics. She has served on various NIH and Data and Safety Monitoring Boards, for NHLBI, NINDS and NIA. She is a fellow in the American Statistical Association and has served on the FDA Advisory Committee on Arthritis. She has served as president of three statistical organizations (ENAR, APHA Statistics Section, and the Caucus for Women in Statistics) and has served on the Board of Directors for the Society for Clinical Trials.

Representative Publications:

Huang P, Goetz CG, Woolson R, **Tilley BC**, Kerr D, Palesch Y, Elm J, Ravina B, Bergmann KJ, Kiebertz K, The Parkinson Study Group. Using global statistical tests in long term Parkinson's disease clinical trials. *Mov Disord* 2009, 24(12): 1732-1739.

Goetz CG, **Tilley BC**, Shaftman SR, et al. Movement Disorders Society-sponsored revision of the unified Parkinson's disease rating scale (MDS-UPDRS): Scale presentation and clinimetric testing results. *Mov Disord*, 2008; 23: 2129-2170.

The NINDS NET-PD Investigators. A randomized clinical trial of coenzyme Q₁₀ and GPI-1485 in Early Parkinson's Disease. *Neurology*, 2007; 68:20-28.

The NINDS NET-PD Investigators. A randomized, double-blind, futility clinical trial of creatine and minocycline in early Parkinson disease. *Neurology*. 2006;66:664-671.



Tilley BC, Palesch YY, Kieburtz K, Ravina B., Huang P., Elm J.J., Shannon K., Wooten G.F., Tanner C.M., Goetz C.G. (2005). Optimizing the ongoing search for new treatments for Parkinson's disease: using futility designs. *Neurology*, 2006; 66:628-633.