

Speaker Bio

Michael Proschan, PhD
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Michael Proschan has been a Mathematical Statistician in the Biostatistics Research Branch of the National Institute of Allergy and Infectious Diseases since January of 2006. Prior to coming to NIAID, he spent 16 years at the National Heart, Lung, and Blood Institute, where he worked on many large clinical trials. His research interests include monitoring and adaptive methods in clinical trials, and he co-authored the book: *Statistical Monitoring of Clinical Trials: A Unified Approach*, with Gordan Lan and Janet Wittes (Springer, 2006). His work in adaptive clinical trials includes the use of permutation/re-randomization tests to analyze the results of adaptive trials, and some of this work is included in his most recent book, co-authored with Pamela Shaw: *Essentials of Probability Theory for Statisticians* (CRC Press, 2016).

Dr. Proschan received his PhD in Statistics from Florida State University in 1989, MS in Statistics from Stanford University in 1982, and BS in Statistics and Mathematics (double major) from Florida State University in 1980. He is a Fellow of the American Statistical Association. He has taught or been a teaching assistant for statistics and mathematics courses at (from most to least recent) George Washington University, Johns Hopkins University, The Foundation for Advanced Education in the Sciences, Florida State University, Stanford University, Palm Beach Junior College, and Tallahassee Community College.