



**Gene Pennello, Ph.D., M.S.**

Team Leader, Division of Biostatistics, Center for Devices and Radiological Health, Food and Drug Administration

Dr. Gene Pennello is currently a Team Leader in the Division of Biostatistics at the FDA Center for Devices and Radiological Health. His team covers in vitro diagnostic devices (in microbiology, chemistry, molecular genetics and pathology), diagnostic imaging systems and software, and therapeutic radiological devices. His official area of expertise at FDA is application of statistics to the design and analysis of studies concerning diagnostic devices, with particular emphasis on drug-diagnostic co-development and the evaluation of imaging systems. In 2016, Dr. Pennello was elected as a Fellow of the American Statistical Association (ASA). He is also a past chair of the ASA Section on Medical Devices and Diagnostics. His statistical interests include Bayesian statistics, multiple comparisons (including subgroup analysis), missing data (including measurement error), and statistical measures of benefit-risk. Before joining FDA in July 1998, Dr. Pennello was a postdoctoral training fellow at the National Cancer Institute, Division of Cancer Epidemiology and Genetics. He earned his Ph.D. in Statistics from Oregon State University (1993). He also has an MS in Statistics (1989) and BS degrees in Statistics and Computer Science & Mathematics from the University of California at Davis (1985).