



Donna J. Brogan, Ph.D.
Emerita Professor
Department of Biostatistics and Bioinformatics
Rollins School of Public Health

Donna J. Brogan received her Ph.D. in statistics from Iowa State University and was Assistant Professor of Biostatistics at UNC School of Public Health before joining Emory in 1971 as the first female faculty member in its Statistics/Biometry Department, later becoming only the fourth female full professor in its School of Medicine. In the Rollins School of Public Health, she was its first female full professor and its first female chair of the Department of Biostatistics. Dr. Brogan's research interests, reflected in her 150 publications, include design and analysis of complex sample surveys and collaboration with health scientists.

Dr. Brogan's honors include fellow of the American Statistical Association (ASA), Emory University's Thomas Jefferson Award, three distinguished alumni awards [Gettysburg College (BA), Purdue (MS), Iowa State (Ph.D.)], and the ASA's Elizabeth Scott Award for significant contributions to the advancement of women within the statistics discipline. Dr. Brogan's leadership talent in academic and government realms was applied to selected activism. Based on her experience in a male dominated discipline, she founded the Caucus for Women in Statistics in 1971. Dr. Brogan's experience as a breast cancer researcher and patient motivated her to help found the U.S. breast cancer advocacy movement in the 1990's.

Since her retirement in 2004, Professor Emerita Brogan continues to advise government agencies on design and analysis of complex sample surveys and teach continuing education courses on this topic. She is an avid participant in challenge level square dancing, a complicated activity that uses concepts from mathematics and geometry.

DONNA J. BROGAN LECTURE IN BIostatISTICS

"AIDS: Statistical Science and Public Health"

Presented by:



Ron Brookmeyer, Ph.D.
Professor
Department of Biostatistics
University of California at Los Angeles

It has been 30 years since the first AIDS cases were reported. Over the last three decades, statistical science has made important contributions to our understanding of the epidemic and in improving public health. This talk will consider some examples of the roles of statistical reasoning in HIV/AIDS. Statistical science has had an impact on AIDS epidemiology, surveillance, treatment and prevention. New statistical problems have and continue to emerge as the AIDS epidemic evolves. Current statistical issues and future prospects of the epidemic will be discussed.

DONNA J. BROGAN LECTURE IN BIOSTATISTICS

"AIDS: Statistical Science and Public Health"

April 23, 2012

4:00 PM

**Lawrence P. & Ann Estes Klamon Room
Rollins School of Public Health
Claudia Nance Rollins Building, Rm. 8030
1518 Clifton Road, N.E.**

Welcome: Amita Manatunga, Ph.D.
Chair, Brogan Lecture Committee
Department of Biostatistics and Bioinformatics

Introduction: Lance A. Waller, Ph.D.
Rollins Professor and Chair
Department of Biostatistics and Bioinformatics

Donna J. Brogan Lecturer:
Ron Brookmeyer, Ph.D.
Department of Biostatistics
University of California at Los Angeles

Reception immediately following the lecture

This lecture honors Donna J. Brogan, an outstanding former faculty member and chair in the Department of Biostatistics of the Rollins School of Public Health (RSPH), and is made possible in large part by the generous support of Donna, her colleagues and friends.

Ron Brookmeyer, Ph.D.

Dr. Ron Brookmeyer is Professor of Biostatistics in the School of Public Health at the University of California, Los Angeles. He was previously Professor of Biostatistics and Director of the Master of Public Health Program at the Johns Hopkins University Bloomberg School of Public Health.

Dr. Brookmeyer's research is at the interface of biostatistics, epidemiology and public health. He uses the tools of the statistical and informational sciences to address global public health problems such as the HIV/AIDS epidemic, biosecurity issues such as anthrax, disease surveillance, and the health challenges of aging populations. Dr. Brookmeyer has authored over 150 peer reviewed articles. He has written and edited three books including AIDS Epidemiology: A Quantitative Approach, and Monitoring the Health of Populations.

Dr. Brookmeyer is an elected member of the Institute of Medicine of the National Academy of Sciences and received the American Public Health Association's Spiegelman gold medal for significant contributions to health statistics. He is a Fellow of the American Association for the Advancement of Science. He is a three time recipient of the Johns Hopkins Golden Apple Teaching Award and received the University's Stebbins medal for development of educational programs. He has served on numerous editorial boards, national scientific panels, including the Committee on National Statistics of the National Research Council, and recently served on the Institute of Medicine Panel on methodological challenges in HIV prevention trials Dr. Brookmeyer currently serves on the Institute of Medicine Panel

to evaluate the President's Emergency Fund for AIDS Relief (PEPFAR).

Dr. Brookmeyer has a bachelor's degree in mathematics from Cooper Union and masters and doctoral degrees in statistics from the University of Wisconsin-Madison.