



Peter M. Burrows, Ph.D.

October 5, 1938 – February 21, 2002

Professor Peter M. Burrows was born in Nottingham, England. His formal education included a B.Sc. in mathematics from University of Manchester in 1960, an Associateship from the Institute of Statisticians in London, in 1962, and a Ph.D. in Genetics and Statistics from North Carolina State University under the direction of Dr. C. Clark Cockerham in 1971. His doctoral thesis was "Consequences of Selection in Finite Populations".

Dr. Burrows spent two years as a statistician with J. & J. Colman Ltd. in Norwich, England. Afterwards, he went to Africa, where he held the position of Research Officer in the Biometrics Unit of the Agricultural Research Council of Rhodesia and Nyasaland in 1963; Senior Research Officer with the Biometrics Team in the Agricultural Research Council of Central Africa, Salisbury, Rhodesia from 1964 - 1967, and Acting Senior Biometrician for three months in 1966. Dr. Burrows read all scientific journals from the early 1900's through the mid-1960's in the library of the Agricultural Research Council, to prepare for graduate study. His photographic memory enabled him to reference many of those research studies as a student, a researcher, and a professor.

In the fall of 1966, Dr. Burrows began graduate study in Genetics and Statistics at North Carolina State University. After completing doctoral studies in 1971, he returned to Africa for three months, as a Genetics Consultant with the Rhodesia Forestry Commission, Salisbury, Rhodesia. (Harare, Zimbabwe). From July 1971 through June 1975, Dr. Burrows was a member of the faculty of North Carolina State University before coming to Clemson University in September 1975. In 2000, the Board of Trustees of Clemson University, conferred upon Dr. Peter M. Burrows, the official title of Professor Emeritus of Experimental Statistics, in his retirement. Previous honors Professor Burrows received included: Fellow of the Royal Statistical Society, 1961 (England); Research Triangle Foundation Fellowship Award, 1969 (North Carolina); the 1988 Godley Award for Excellence in Research in the College of Agriculture, Clemson University; Sabbatical to study and consult with scientists at the Institute of Plant Protection, ARO Volcani Centre, Bet Dagan, Israel, in 1991, and the 1992 Clemson University Alumni Award for Outstanding Achievement in Research.

Dr. Peter M. Burrows, a Biometrician and Quantitative Geneticist, published 61 articles in refereed journals worldwide, made thirty-nine presentations at regional, national, and international conferences and workshops, and wrote chapters, by invitation in two books. Dr. Burrows' research interests since 1991 were dominated by studies of the Bivariate Normal Distribution (BVN) and related applicable statistics leading eventually to a textbook. He was a consultant to EPA, a member of the Clemson University team that worked with Monsanto to improve the production of wheat through genetic engineering, and a consultant to Johnson & Johnson on a new product, Splenda, for submission to FDA.

CLEMSON

College of AGRICULTURE,
FORESTRY and LIFE SCIENCES

Memorial Seminar

Honoring

Peter M. Burrows, Ph.D.

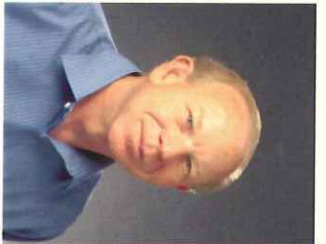
October 5, 2010

**The College of Agriculture, Forestry and Life Sciences
Honors the career and contributions of**

Peter M. Burrows, Ph.D.

9:30 am, Tuesday, October 5, 2010

Self Auditorium, Strom Thurmond Institute
Clemson University, Clemson, SC



Thomas W. Gettys Ph.D.

Currently, Dr. Gettys is Director of the Pennington Center of Biomedical Research Excellence, a NIH Center grant that is devoted to development of scientific infrastructure and mentoring junior faculty to independent NIH funding. He holds adjunct appointments in departments of Nutrition and Kinesiology at LSU and in Pharmacology and Experimental Therapeutics at LSU HSC in New Orleans. He also holds a faculty appointment in the Joint Program in Endocrinology, Diabetes and Metabolism between Pennington and the LSUHSC-NO.

Dr. Gettys earned a Ph.D. in Nutrition from Clemson University in 1984, with a focus on the endocrine control of growth and nutrient partitioning between fat and protein. He and Dr. Peter M. Burrows developed a mathematical model to estimate how food intake was partitioned between energy expenditure and tissue deposition in growing animals.

Thereafter, Dr. Gettys undertook postdoctoral training in the Howard Hughes Medical Institute at Vanderbilt University, in the laboratory of Dr. Jackie Corbin with the goal to develop skills in cellular and molecular signal transduction. Dr. Corbin is an expert in the area of cAMP-dependent protein kinase and phosphodiesterases.

Dr. Gettys was recruited to join the laboratory of Dr. Ian Taylor at Duke Medical Center in 1987, and within two years, he received his first R01 funding from NIH to examine compromised signaling in adipocytes from rodent models of obesity. The findings from this work contributed to our basic understanding of intracellular signaling mechanisms involving cAMP in adipose tissue, and how compromised expression or function of signaling components within this pathway contribute to various pathologies associated with the development of obesity. Dr. Gettys moved to the Medical University of South Carolina in 1993, as Associate Professor of Medicine and was promoted to Professor of Medicine, Biochemistry and Molecular Biology in 2000, before his move to Pennington in 2001.

Dr. Gettys has a record of continuous funding from NIH, ADA, USDA and private foundations. He has published 110 refereed papers and 10 book chapters. Dr. Gettys has a strong record of mentoring high school students, college undergraduates, postdoctoral fellows, and junior faculty. Perhaps the most significant impact of his work will accrue from mentoring the next generation of scientists.

RATIONALE and REMEMBRANCES

Thomas R. Scott Ph.D.

Interim Dean, CAFLS

Calvin L. Schoulties Ph.D.

Professor, ESPPS

George R. Askew Ph.D.

Associate Dean, CAFLS

William C. Bridges Jr. Ph.D.

Professor, AES

Hoke S. Hill Jr. Ph.D.

Chair, AES

Ashby B. Bodine Ph.D.

Interim Chair, AVS

KEYNOTE

Thomas W. Gettys Ph.D. Professor and
Director, Pennington Center of Biomedical
Research Excellence, LSU, Baton Rouge, LA

ACKNOWLEDGEMENTS

E. Joyce Richardson Burrows
Professor Emerita, FYD

REFRESHMENTS

Outside Self Auditorium
Strom Thurmond Institute