

Texas Southern University

## MATHEMATICS DEPARTMENT SEMINAR

*Time: 3-4pm, Nov. 2.*

*Location: SB 153*

### Careers in Biostatistics

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#### Abstract

Public health is the process of identifying, preventing, and treating disease in populations. While health care research has been a fixture of public health for hundreds of years, it has only been in the past one hundred years that important advances in the treatment of chronic disease have taken place. These advances require that we reconcile the physician perspective and the population perspective in the treatment of disease entities. Both perspectives are essential, but they are separate and distinct from each other.

The role of epidemiology and biostatistics is to provide this second, population perspective. Their involvement has fueled the generation of the clinical trial and the application of statistical estimation and hypothesis theory to public health problems. The continued threat of chronic disease with its long term sequela will continued to challenge the interface between the patient perspective and population approaches.

#### Biography

Dr. Lem Moyé is a Full Professor of Biostatistics at the UT Health School of Public Health in Houston. Dr. Moyé received his B.A in Mathematical science in 1974 from John Hopkins University, M.D in Medicine from Cornell in 1978, M.S. in Statistics from Purdue University in 1980 and Ph.D in Community Health Sciences-Biometry from UT Health School of Public Health in 1987. He has published over 212 journal papers and 9 books. Dr. Moyé has supervised numerous students and given about 100 invited talks and received many honors.