Statistics
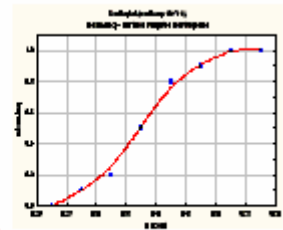### Research (StaR) Colloquium

Seminar

Dept of Mathematical Sciences
King Fahd University of Petroleum and Minerals

Presenter	**Dr. Anwar H. Joarder** Dept of Mathematical Sciences, KFUPM
Title	**On the Multivariate Pearson Type II Distribution**
Topic & (Level)	Statistical Distribution Theory (**Mathematical Statistics, Theoretical**)
Audience	All KFUPM community are cordially Invited
Date	Tuesday, Apr 10, 2007
Time	1:00 PM
Location	Building 5, Smart Classroom # 203

Abstract

Lately, statisticians have been attempting to develop numerous multivariate distributions, shifting the center of gravity for multivariate distributions from multivariate normal distribution. One such distribution is the Multivariate Pearson Type II Distribution. In this talk, we will derive characteristic function of the Multivariate Pearson Type II in terms of the generalized hypergeometric function. Then, it will be used to derive the marginal and conditional distributions. Some other properties will also be outlined.

Tea and Coffee will be served