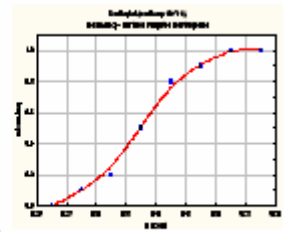


# Statistics



**Research (StaR) Colloquium**

## Seminar

*Dept of Mathematics and Statistics  
King Fahd University of Petroleum and Minerals*

<i>Presenter</i>	<b>Dr. Madan L. Puri</b> <b>Dept of Mathematics and Statistics</b> <b>KFUPM</b>
<i>Title</i>	<b>Why Nonparametrics?</b>
<i>Topic &amp; (Level)</i>	Nonparametric Statistics (General Methodology)
<i>Audience</i>	All KFUPM community are cordially Invited (including graduate students)
<i>Date</i>	Sunday, Mar 28, 2010
<i>Time</i>	<b>12:20 PM - 1:20 PM</b>
<i>Location</i>	Building 5, Smart Classroom # 102

## Abstract

In the course of our examination of various aspects of statistical theory which we encounter in textbooks or journals, we find that on many an occasion an excellent progress can be made if we make the assumption that the underlying distribution functions are normal in form. In this talk what I plan to discuss is the extent to which we are likely to be justified if we use the so-called “normal theory” in circumstances where the underlying distributions are not in fact normal. We would like to discuss whether the optimistic assumptions of normality are likely to be seriously misleading. We will motivate the study via some elementary examples. This seminar is essentially to promote the study of nonparametric approaches for the problems of statistical inference. This is not a research seminar

*Tea and Coffee will be served*