



**Department of Mathematics, Statistics and Computer  
Science  
St. Francis Xavier University  
Presents**

## **A Discrete Approach to Biostatistics**

**By  
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**Friday, November 7<sup>th</sup>, 2008 @ 2:15 in AX23A**

A number of new biological questions are now being posed due to the increasing need to provide proper statistical analysis of DNA data. For instance, one question is to determine the presence of recombination in viral DNA. This talk will discuss how statistical hypothesis testing in this context can be facilitated using discrete mathematics. The lecture will mainly focus on the statistical and mathematical issues and assumes little biological knowledge.

**Refreshments will be served before the talk in AX24A**