



# Colloquium Series Seminar

DATE:

Thursday,  
December 20, 2007

LOCATION:

FXB Building  
Room G13

TIME:

4:00 pm-5:00 pm

Coffee Reception at  
3:45 pm

**John Quackenbush, PhD**

**Professor of Computational Biology and  
Bioinformatics**

**in the Faculty of Public Health  
Dana Farber Cancer Institute**

*will present a lecture on*

***“Cancer Computational Biology and  
Biostatistics”***

**Abstract:**

The study of human disease has been revolutionized by technologies developed through the advent of the human genome project. At the Dana-Farber Cancer Institute, I and my group have been working to develop a series of computational tools and methods and laboratory approaches to address fundamental questions in the analysis of human cancers. This talk will provide an overview of the approaches that we have developed and demonstrate applications to breast, ovarian, and colon cancer as well as in the study of the way in which viruses perturb cellular networks with an emphasis on some of the areas where there are opportunities for developing new statistical methods.

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