



PIMS - AMI - GMU Seminar

**Wednesday, March 23, 2011
Grant MacEwan University
Room 7-233 at 12:00 p.m.**

**Applied
Mathematics
Institute**



... the backbone of science!

“Mathematics and Medicine: A Successful Marriage?”

Dr. Siv. Sivaloganathan
Department of Applied Mathematics
University of Waterloo
&
Centre for Mathematical Medicine
Fields Institute

Abstract

The 21st century has been witness to a growing interaction and synergy between the mathematical and Biomedical sciences. In this talk, I hope to illustrate through one or two case studies, how mathematics can provide rational guidance for medicine and give credence to the expectations that this marriage will lead to dramatic advances in the future.