

UWM Math Colloquium

M.S. Defense

Friday, May 2, 2008, 2:00 PM, EMS E408

*"Controlling a Multitype Birth and Death
Process"*

by

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Abstract:

A medical study is modeled by a three dimensional birth and death process. Each coordinate process represents the number of participants in one of the three trial groups of the study. Different assignment rules for new participants are derived and implemented in a JAVA program. By simulation the effect of each rule on the group sizes is analyzed to find an appropriate way to keep the group sizes close to one another.
