

LSA Theme Semester: Mathematical Biology

Organizers: Patrick Nelson and
Trace Jackson

Fall 2005 (starting October)

- Monthly Pizza and Learn for math biology students (currently, we have 50 students ,grads and undergrads, in two sections of math 463)
 - October 20
 - November 17
 - December 3
- Distinguished Lecture Series
 - Professor John Rinzel (NYU). Evening lecture 11/2/05
 - Minisymposia 11/3/05 on Electro-physiology.
 - Organizers: Victoria Booth and Danny Forger
- Regular seminar speakers
 - Currently we have Lisa Fauci (Tulane) 9/30
 - Zhileng Feng (Purdue) 10/7
 - Hulin Wu (U. Rochester) 10/12

Winter 2006

- Distinguished Lecture Series
 - Each month we will have a special evening lecture, open to the public. We did this last year with Professor Steve Strogatz and had 300+ people attend.
 - Each lecture will be followed by a one day minisymposia on the related topics:
 - Ecology and Evolutionary Biology
 - Infectious Diseases
 - Sleep Patterns
 - Cell and Molecular Biology
- Regular lecture series (bi-weekly and part of AIM seminar series)
 - mostly people from UM giving presentations.
- Tutorial on math biology for UM faculty interested in the field
 - Schedule two Saturdays (with lunch) and provide a tutorial on differential equations useful for biological models. Could open to other universities?
- Weekly math biology lab meeting
 - Current math biology group forum to keep people informed of the research they are currently working on. This is open for anyone to attend.
 - Graduate students present updates on their research and get feedback from attending faculty
- Workshop on Mathematical Biology
 - 3-4 day workshop in April