

The Eastern Michigan University Department of Mathematics Presents:
Mathematics Across the Disciplines

A 2003-2004 lecture series exploring the value of power mathematics

*Lecture #8:
Bioinformatics
from a statistical viewpoint*

By Dr. Kathy Chu
Professor of Mathematics

Monday, April 12, 2004
3:00 – 4:00 PM
323 Pray-Harrold

Abstract: The recent development of two high throughput biotechnologies – the genome sequencing technology and DNA chip technology produces the new field of science called Bioinformatics, which sprawls into many academic disciplines and creates one of the most exciting times for all quantitative researchers. In this talk, I'll give an overview of the field and show how the probability and statistical reasoning can play a central role in this biology and informatics revolution.