

Undergraduate Colloquium in Mathematics
Wednesday, November 8th, 3:30 PM – 4:30 PM
STV 308

What exactly is biomathematics and what exactly it is not.

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Biomathematics is the use of mathematical models to help understand phenomena in biology. Modern experimental biology is very good at taking biological systems apart (at all levels of organization, from genome to global nutrient cycling), into components simple enough that their structure and function can be studied in isolation. Biomathematical models are a way to put the pieces back together, with equations that represent the system's components, processes, and the structure of their interactions. In this talk we will present a collection of problems that us, the biomathematicians, work on and point out the differences between biomathematics and biostatistics.

