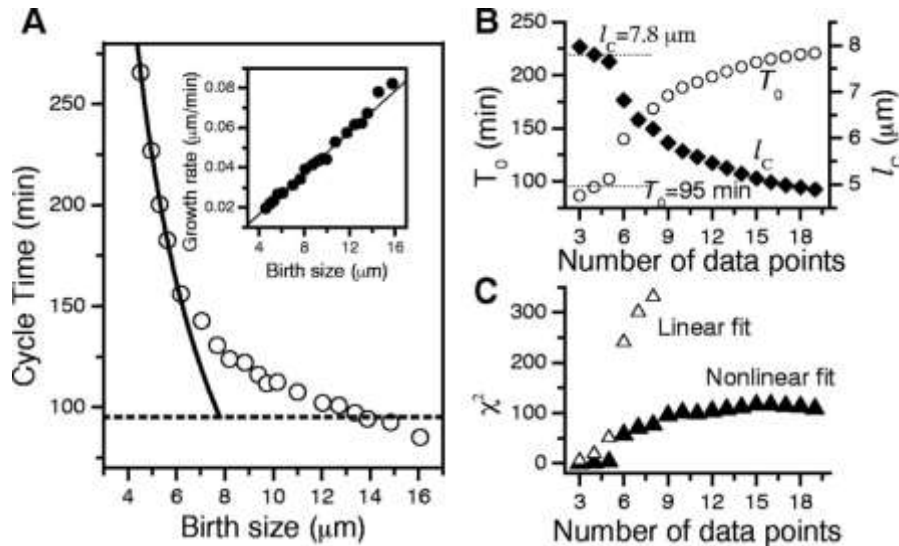


What is Mathematical Biology?



Abstract: Many biological processes involve complex interactions and mechanisms that are often difficult to fully understand and even harder to replicate in the laboratory. The practice of using animal and cellular model systems has long been an approach to overcoming these problems. However, due to laboratory constraints biologists apply mathematics to develop model systems. With its increased use in the natural sciences, it is imperative that undergraduate students gain an appreciation for the mathematical tools required to investigate complex natural phenomenon.

Dr. David Gammack

Dr. Amanda Wright

Marymount University

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2:00 pm