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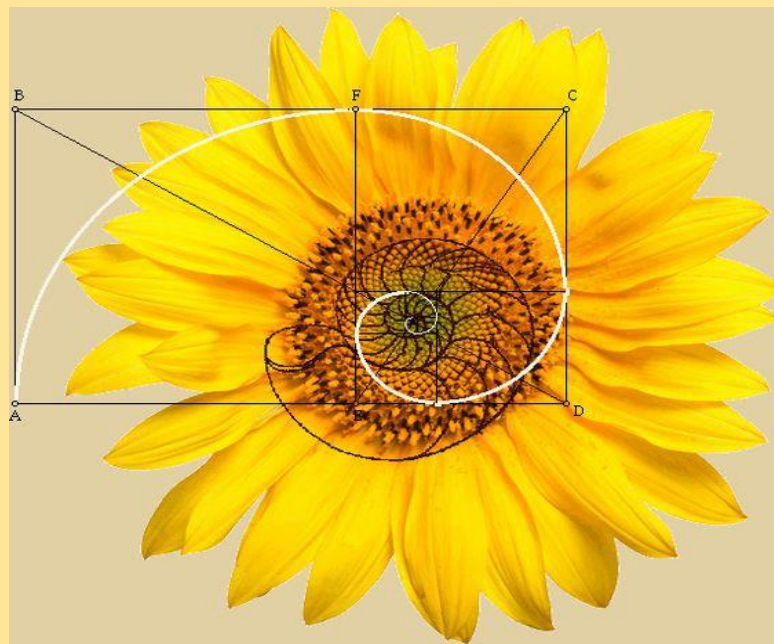
C H A N N E L
I S L A N D S

Graduate Mathematics Seminar

Using Mathematics to Understand Biology

Dr. Rebecca Segal

Virginia Commonwealth University



Abstract: From disease processes and treatments, to animal movement and human physiology, mathematical models can reveal underlying structures that had previously been elusive. In this talk, I will discuss the process of working with biological collaborators to develop differential equations based models of biological dynamics from the cellular level to the organism level. I will highlight simulation results and discuss ongoing challenges and questions.

When: Monday, February 1st, 2021, 6:00 – 7:00 pm

Where: Zoom

One University Drive, Camarillo, California 93012-8599 Tel: (805) 437-8967 Fax: (805) 437-8864 www.csuci.edu