

# 2023 Shanks Workshop on Advances in Mathematical and Theoretical Biology

Vanderbilt University, March 17 — 19, 2023

## Plenary Speakers:

William Fitzgibbon (University of Houston)

Jasmine Foo (University of Minnesota-Twin Cities)

Hayriye Gulbudak (University of Louisiana at Lafayette)

Laurent Pujo-Menjouet (Claude Bernard University Lyon 1)

Shigui Ruan (University of Miami)

Jorge Velasco-Hernandez (Instituto de Matemáticas)

**About the Workshop:** The focus of the workshop will be on modeling and analysis of ordinary and partial differential equation (ODE and PDE) models from different aspects of biological applications, such as infectious diseases, cancer modeling and treatment, and population dynamics. All participants are invited to give a 25-minute talk. There will be a poster session for undergraduate and graduate students. For more information, visit our website <https://my.vanderbilt.edu/mathbio/>

**Financial support:** Limited financial support is available for young researchers and researchers of underrepresented groups. The deadline for applying is January 31, 2023. See <https://my.vanderbilt.edu/mathbio/registration-and-support/support/>  
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