

Biomathematics Seminar Series

Department of Mathematics and Statistics

A Dynamical Framework for Modeling Fear of Infection and Frustration with Social Distancing in COVID-19 Spread



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With the emergence of the COVID-19 pandemic and its unprecedented spread throughout the world, mitigation strategies such as social distancing have been used to help contain the spread of the disease. In this talk, I will introduce a novel modeling framework for incorporating the population's fear of infection and frustration with social distancing into disease dynamics and discuss some insights from the model analysis.



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