

STEM Pathways Summer 2022 Seminar Series



Responding to Outbreaks Using Synthetic Biology-Enabled Diagnostics

Presented By

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Schedule

Friday, June 10, 2022

12:00 pm - 1:00 pm

CILSE 106C

About the Green Lab

The Green Lab engineers RNA networks that enable living cells to detect intracellular RNA molecules and perform computations. In addition, work in the lab focuses on developing low-cost portable diagnostics that can be used to detect pathogens in low-resource settings. Work is also done to produce and chemically modify two-dimensional materials with novel electronic, optical, and mechanical properties. Uniquely, the Green Lab develops new antimicrobial materials that are active against broad classes of drug-resistant bacteria and fungi.



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