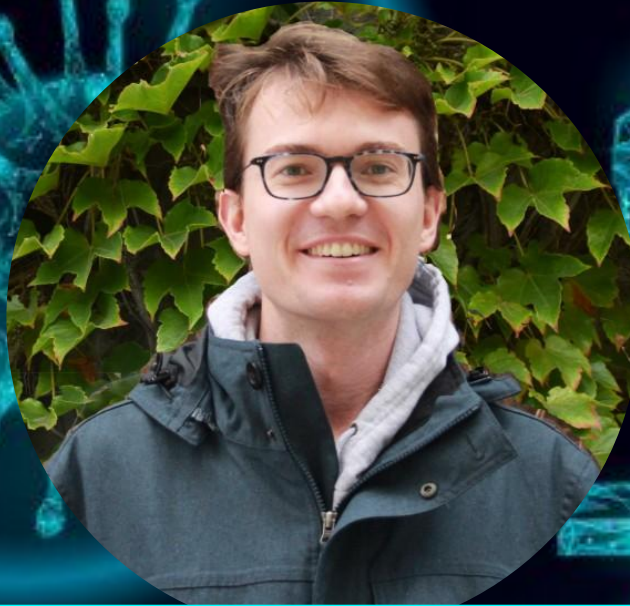


STEM PATHWAYS

Summer 2023 Seminar Series

Friday, June 30, 2023
2:00–3:00 pm
CILSE 106C



Joe Larkin
Assistant Professor,
Biology/Physics
Boston University

The Larkin Lab is interested in how the physical and chemical environment influences microbes, and how these microbes in turn engineer that very environment. In particular, they study how bacterial biofilms change their local conditions by producing extracellular matrix and how cell-to-cell signals drive such behaviors. The Larkin Lab also has specific interest in how electrophysiology influences the behavior of bacteria, including through cell-to-cell communication, and control of both metabolism and gene expression. To investigate these problems, they use time-lapse imaging and custom experimental devices to observe and probe microbial behaviors in space and time.