

# STEM Pathways Summer 2022 Seminar Series

## Schedule

Friday, July 29, 2022

12:00 pm - 1:00 pm

CILSE 106C



**Multicellular coordination  
in heterogeneous  
natural substrates**

**Development of a high  
throughput platform to  
continuously evolve designer  
GPCRs**

## Presented By

**Emily Hager, Ph.D.**

**Postdoctoral Researcher**

Biomedical Engineering,  
Sgro Lab

## About Emily Hager

Emily received her Bachelor of Arts in Physics from Swarthmore College in 2010. Following her time at Swarthmore, Emily served as a Laboratory Technician at MIT where she identified and analyzed human gene transcripts. Emily then completed her Ph.D. from Harvard University where her dissertation focused on the evolution and genetics of morphology and behavior in deer mice.

## Presented By

**Ezira Yimer Wolle,**

**Ph.D. Candidate**

Biomedical Engineering,  
Khalil Lab

## About Ezira Yimer Wolle

Ezira completed his Bachelor's degree in Biomedical Engineering at Boston University in 2019. Ezira's current research interests involve developing technologies at the interface of biology, software, and hardware to engineer complex cellular phenotypes. He is interested in leveraging cellular adaptation and memory encoded by epigenetic elements.