

UNIVERSITY  
of GUELPH

COLLEGE of  
BIOLOGICAL SCIENCE

DEPARTMENT OF MOLECULAR  
AND CELLULAR BIOLOGY

# Seminar SPEAKER SERIES

2022-2023

APR **WED**  
**12** **10**<sup>30</sup>  
AM

SSC 2315

## DR. ERIN GOLEY

Associate Professor, Biological Chemistry  
Director of Admissions, BCMB Program

JOHN HOPKINS UNIVERSITY

**Topic: Cell division and morphogenesis in diverse  
alphaproteobacteria**

Dr. Erin Goley is an associate professor of biological chemistry at the Johns Hopkins University School of Medicine. Dr. Goley's research focuses on bacterial cell biology, with an emphasis on the molecular mechanisms governing growth and cell division in diverse environments. Her work identifies the mechanisms bacteria use to replicate and to withstand stress, which may inform development of new antibiotic therapies. The Goley lab leverages the free-living model species *Caulobacter crescentus* and the tick-borne, obligate intracellular pathogen *Rickettsia parkeri* to approach these questions.



Dr. Goley earned her Ph.D. in molecular and cell biology from the University of California at Berkeley, where she studied the regulation of actin nucleation and its manipulation by bacterial and viral pathogens with Matt Welch. She completed postdoctoral training in bacterial cell biology with Lucy Shapiro at Stanford University in 2011. Dr. Goley joined the Johns Hopkins faculty in 2011. Dr. Goley is a member of the American Society for Cell Biology and the American Society for Microbiology. Dr. Goley received an Innovation Award from the Johns Hopkins University School of Medicine Discovery Fund and was the recipient of the 2020 Lee Hood Prize in Biomedical Science. She was a Helen Hay Whitney Postdoctoral Fellow and a National Science Foundation Graduate Research Fellow.

All welcome to attend  
Light refreshments to be served

More information on MCB's website:

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