

# PhD Dissertation Defense

Join Us in Supporting a Chemical  
Engineering Graduate Student,

**JUSTIN HAYES**

Advisor: Dr. Benjamin Woolston

as they present their research:

**LEVERAGING SYNTHETIC BIOLOGY AND GUT-ON-CHIP  
SYSTEMS TO INTERROGATE AND MODULATE  
INTESTINAL H<sub>2</sub>S**



**WEDNESDAY, MAR 11, 2026**



**11.00 AM - 1.30 PM**



**CABRAL CENTER**



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