

# Biochemistry Visiting Speaker Seminar Lecture Series



**Gary Foo**  
**Senior PhD Student**  
**Department of Biochemistry**  
**University of Western Ontario**

**"Sequence entanglements promote pseudo-essentiality  
in genetic safeguards".**

**Friday, April 25, 2025**

**10:30 AM**

**MSB – 384**

**All Welcome**

Gary is currently a 5th year PhD candidate in the Edgell Lab. Combining protein engineering and microbiology, his research focuses on the development of genetic circuits for safe microbial biocontainment. In his talk, Gary will summarize the second data chapter of his thesis, focusing on the use of synthetic sequence entanglements as a novel approach for genetic buffering.



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