

# BiophysTO Lunchtime Talks

## Dr. Amy Caudy

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University of Toronto

### Expanding the biochemical map with full scan metabolomics

Metabolomic analyses are revealing that cells contain many more compounds than are listed in classic biochemical maps. Many of these new compounds are the products of catalysis by as-yet-unidentified enzymes. I will describe our successful application of liquid-chromatography mass spectrometry to discover new enzymes. We complement this discovery work with a variety of mass spectrometric and genetic approaches to determine the roles of these new enzymes in cellular growth and metabolism.

Host: Dr. Anton Zilman

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Thursday, September 17 – 12:00 pm, noon  
Davenport Room, Chemistry Building  
(and via streaming to Davis Building 4001 UTM)