

**Department of Chemistry  
The University of Western Ontario**

# **PAUL de MAYO AWARD LECTURE**

**Dr. Stephanie Barbon**

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**Using Photoinduced ATRP to Control Sequence and Polymer Interactions for Self-Assembly and Antibacterial Applications**

**Wednesday, May 23, 2018 at 2:30 pm  
Room 9, Chemistry Building**

Polymer chemistry has advanced to the point where synthetic polymers are used in almost every aspect of life - from packaging and apparel to medicine and space travel. Nevertheless, synthetic polymers still fall short of naturally occurring polymers (*i.e.* DNA and proteins) in some ways. Efforts still need to be made to have precise control over the sequence of repeating units and the len