

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

PAUL de MAYO AWARD LECTURE

Dr. Stephanie Barbon

*University of California, Santa Barbara
Santa Barbara, California 93106*

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