



## Nicole Ritter received MS2Discovery Student Award

Nicole Ritter is a student member of the MS2Discovery Interdisciplinary Research Institute. Her research is focused on nanoparticles and she advances research within one priority research theme at the Institute: Nanoscience and Nanotechnology, Renewable Energy and Sustainable Development (Tecton 1).

Ritter won a MS2Discovery Graduate Student Award that supported her travel to the annual conference held by the Canadian Society of Chemistry (CSC), CSC2016. The symposium was organized to recognize researchers in their early careers in the field of materials chemistry. Ritter was chosen to be one of four speakers to present her research at the conference, with her invited talk being titled "Designing Silver Nanoparticles with Surface Blocking and Symmetry Breaking".

Nicole is a Biological and Chemical Science PhD candidate at Wilfrid Laurier University. To date, she has had multiple publications and received various awards. Her first publication was in 2009, from a discovery she made as an undergraduate student. Nicole currently holds an NSERC PGS-D scholarship, received the William Nikolaus Martin Science Scholarship for the first year of her PhD studies, and was the recipient of the Girl Guides of Canada – Roberta Bondar Scholarship in 2015.

Currently, Nicole is interested in developing applications for the nanoparticles she learned to make in her undergraduate and Masters work. She is working on new nanoparticle morphologies and potential commercialization of existing nanoparticles in technologies.



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"I was chosen as one of the four student/postdoc speakers and invited to present my research at CSC2016, an incredibly rewarding experience, and an honour to be included in this prestigious list."