



# Member Profile

## Dr. Hind A. Al - Abadleh, Affiliated Member

Dr. Hind A. Al - Abadleh, affiliated member of the MS2Discovery Institute, advances research within two priority research themes of the Institute: Nanoscience and Nanotechnology, Renewable Energy and Sustainable Development (Tecton 1) and Ecology, Climate and Environmental Sciences (Tecton 5).

Dr. Hind A. Al - Abadleh joined the Institute in 2014. She came to Wilfrid Laurier University in 2005 where she is now an Associate Professor in the Department of Chemistry. She is also an adjunct professor for the Chemistry Department at the University of Waterloo. She also spent time at Northwestern University as a postdoctoral scholar. Dr. Al - Abadleh received her PhD in physical chemistry from the University of Iowa and her BSc in chemistry from the United Arab Emirates University.

In 2015, Dr. Al - Abadleh was awarded the Laurier Faculty Mentorship Award by Alumni Relations, and in 2012, she was awarded the Laurier Faculty Association Merit Award. In 2008, she received the Petro - Canada Young Innovator Award. She has also received Certificates of Appreciation from ACS Publications and from the Division of Environmental Chemistry of the American Chemical Society in 2012.

Dr. Al - Abadleh's interests lie in environmental physical chemistry. Her research includes that of atmospheric chemistry like transition metals in model small and large cloud droplets. She is also focused on engineered nanomaterials and the fate of environmental interactions with chemicals in air, water and soil. Other interests include fate and transport of arsenic and phosphorus in the environment. Her research is funded through Natural Sciences and Engineering Research Council of Canada (NSERC) as well as the Research Corporation for Science Advancement and the Canadian Foundation for Innovation.



Dr. Hind A. Al - Abadleh welcomes inquiries from potential undergraduate and graduate students. She has volunteer and paid research assistantship positions available in her lab all year long, where students can acquire hands-on training on many instruments and can learn how abstract physical chemistry can be applied to real life.