

2014 DR. KARL C. IVARSON SOIL SCIENCES SCHOLARSHIP RECIPIENTS

Each recipient received a scholarship of \$5,000.

CAILIN HILLIER



Cailin Hillier is an MSc student in hydrogeology at the University of Waterloo. Her research is concentrated on the Alder Creek Watershed, west of Kitchener-Waterloo, where she is focused on developing an understanding of water governance complexity, with specific interest in source water protection and the implementation of best management practices for the agricultural sector. This project is being completed through the collaborative efforts of the Southern Ontario Water Consortium and the Regional Municipality of Waterloo. At the University of Waterloo, Cailin was elected as the Academic Representative of the Geological Engineering program for five consecutive years. She has held a number of directorships through the Engineering Society including Student Life Commissioner, responsible for mentoring younger students, and Editor-in-Chief of the Iron Warrior newspaper. Through her volunteer activities, Cailin organizes water education programming for the Girl Guides of Canada, the Canadian Association for Girls in Science and is currently working with the Earth Science Museum at the University of Waterloo to design and construct an exhibit of the Grand River Watershed. With varied interests academically, including hydrogeology, geology, outreach and education, environmental journalism and policy, Cailin wants to use her profession to engage an educated public in the myriad of environmental issues facing Canada.

ALEXIS TINDALL



Alexis Tindall is an MSc student in the Department of Soil Science at the University of Saskatchewan. Her Master's research contributes to the Integrated Nutrient and Water Management Project (INUWAM), which is an agricultural development project in the Sahelian region of Africa. The aim of the INUWAM project is to increase crop production and farmer income through dissemination of technology in rainwater conservation and fertilizer microdosing. This research will be used to develop long-term strategies for soil fertility management applicable to the socioeconomic context of smallholder farmers in the Sahelian region and other low input agricultural systems. As director of Kid's Club at The Bridge on 20th, an inner city organization in Saskatoon, Alexis is responsible for developing direction for this program that reaches out to underprivileged children. As a Technical Sales Associate with BASF, she was responsible for the management of fourteen product trials and two research authorization trials. She particularly enjoyed working with farmers to solve agronomic issues and increase their success. Her long-term career goals include working with farmers in developing countries, solving problems affecting their production and livelihood, to help them increase their food security and wellbeing.