

## **2016 Member-In-Training Award**

*Steven Harms, EIT*



Steven Harms graduated from the University of Manitoba in May of 2013 with a Bachelor of Science in Civil Engineering and a Master's of Science in Civil Engineering in 2015. Steven became a student member of Engineers Geoscientists Manitoba in 2013 and a Member-in-Training in October of 2013.

As an undergraduate student, Steven worked in the geotechnical laboratory at the University of Manitoba. He also conducted research in the field of temporary flood protection for his Masters. Since graduating, Steven has been working as an EIT at TREK Geotechnical Incorporated. Steven's current role at TREK includes proposal preparation, project planning, site investigations, construction inspection, foundation design, slope stability analysis, reporting and contract administration. He has had the opportunity to work on the design of a variety of infrastructures including bridge foundations, embankments, building additions, residential and commercial developments, erosion protection works, and slope stabilization projects.

Steven is a member of the Canadian Geotechnical Society (CGS), and sits on the executive committee as treasurer of the Manitoba Section. He regularly assists with the organization of professional development sessions and special events. He has also been actively pursuing research investment opportunities to benefit the Geotechnical and Geoenvironmental community in Manitoba. He has presented at professional development sessions for both the CGS and the Canadian Water Resources Association, and is also a member of the International Society for Soil Mechanics and Geotechnical Engineering.

Steven is an avid cyclist in the summer and also loves snowboarding. He is very interested in politics, and was an active volunteer for the Green Party of Manitoba in the last provincial election. For the last three years, he has presented at the General Wolfe School Career Day, which has been a lot of fun for him. He talks to the students about what engineering is, and where a career in engineering can take them

Steven has received numerous scholarships and awards including the Neil Burgess Memorial Scholarship, Individual Report Award with the Canadian Geotechnical Society, the Industrial Postgraduate Scholarship NSERC, Lieutenant James Black Memorial Prize, and Dr. Lansdowne Book Award. He was also on the Deans honour list throughout his undergraduate degree.

Over the next 3 to 5 years, Steven plans to develop his understanding of geotechnical engineering by gaining hands-on experience with a multitude of different projects. He wishes to return to academia to pursue his Ph.D once he has a robust understanding of the challenges that face geotechnical engineering and how he can work to move the profession forward. Finally, he would like to leave a professional legacy of a curious researcher, effective teacher and able practitioner in the field of geotechnical engineering.

Engineers Geoscientists Manitoba is pleased to recognize Steven Harms as the winner of the Member-In-Training Award for 2016.