



**Curtis Faucher** joined EWMCE in April of 2013 after graduating with distinction from the University of Alberta with a B.Sc. in Civil Engineering specializing in Environmental Engineering. Curtis has received several undergraduate academic scholarships including NSERC's Undergraduate Research Award for air quality research conducted with Dr. Hashisho under the University's co-op program.

Curtis is currently enrolled with the University of Alberta as a Masters' Student in Environmental Engineering while working as a Research Engineer Intern with EWMCE. This was made possible through a partnership between the EWMCE and the University which allows him to integrate industry and academic connections into his studies and EWMCE. Through his M.Sc., Curtis is exploring his interests in waste management specifically solid waste anaerobic microbiology and the social aspects of solid waste management.

Prior to pursuing Engineering, Curtis worked as a Journeyman Carpenter taking special interest in large civil water and wastewater construction projects including expansions to the Medicine Hat and Camrose water treatment facilities. As a co-op student he was able to participate in the building of the Lac La Biche WWTP. Curtis' trade background gives him a strong practical basis to his work and has encouraged him to develop an interest in construction management and applied research and innovation.



**Kenston Yan** joined the EWMCE this winter and will be a Ph.D. student starting this Fall in Environmental Engineering at the University of Alberta. He received his undergraduate degree in Chemical Engineering from Ryerson University, and will be completing his M.Sc. in Environmental Engineering from the University of Alberta in August 2013.

Kentson has assisted in multiple studies related to life cycle assessments, greenhouse gas (GHG) emissions, and offset credits in the context of solid waste management. Examples of such studies include:

- Determining GHG reductions for changes in different biosolids management reuse options for the City of Edmonton;
- Estimating the amount of carbon credits available should the entire province of Alberta compost all its leaf and yard waste; and
- Quantifying potential GHG reductions for the City of Edmonton and the University of Alberta, if a high solids anaerobic digestion facility was added into their current waste management systems.

In addition, Kentson has played an integral role in developing and implementing an annual solid waste audit process for the University of Alberta, where he assisted in coordinating the audit activities. Not only was he the lead auditor for the past audits, but he assisted in integrating the waste audit framework into a student learning environment at the University of Alberta.

