

## Patrick Cochrane, AScT - Volunteers for Engineering Ministries International



Patrick Cochrane, AScT (second from left) and his students in Uganda

While volunteering on an Engineering Ministries International (EMI) project trip to Uganda in February 2011, Patrick Cochrane, AScT had the opportunity to work alongside a Ugandan surveyor. He soon discovered that although Ugandan universities do a great job of teaching the theory of surveying, resources to impart its practical application are not always available. He and a colleague, who had graduated from a four-year geomatics engineering program two years, previously, appreciated the practical skills that Cochrane was able to share with him – skills that empowered him to greater excellence in his career, in serving others, and in providing for his family.

This summer, Patrick Cochrane and his wife will be returning to Uganda for 11 weeks to continue their 5th year as volunteer leaders for Engineering Ministries International's (EMI's) mentoring program. This is a great program that builds up hands on –practical application skillsets of up and coming Ugandan technical professionals, and also builds into their professionalism with encouragement in healthy workplace practices and integrity. They provide an 8 week Survey Practicum for 9 Ugandan Geomatics Engineering students and 2 weeks program for 30 Civil/Environmental Engineering students. This program continues to have a significant effect on participants, their profession, and their communities.

To view a short [VIDEO](#)

Joan Cochrane also posts details about the program on their [BLOG](#)

This program is also an opportunity for design professionals in the developed world to share their hearts, skillsets, and resources to build capacity in our peers in the developing world.

Patrick Cochrane welcomes those who would like to partner with EMI in sponsoring a student to participate in this survey practicum. Being a non-profit, they rely and value partnerships to join with them in their cause to help others help themselves. The program costs close to \$10,000 to cover equipment and maintenance, supplies, local team transport, and support for a Ugandan intern; this does not include international transportation nor housing and meals for expat volunteers (They cover their own costs).

*"As one who has had the good fortune to visit Africa to support and assist development of technology training and certification programs, I am appreciative of Patrick's work in advancing surveying and mapping training in Uganda," enthused ASTTBC CEO John Leech. "I visited some 6 countries in 7 separate trips; getting on the ground in several countries on many occasions. African countries can benefit from support from Canadians, and what better way to help than to provide needed skills that will lead to a meaningful and rewarding career and provide development services to help grow the economy." Leech concluded his comments by encouraging ASTTBC's members to make a financial donation to help Patrick with his service. "Just as I personally support the ASTTBC Foundation I will cut a cheque to help this ASTTBC member in his support of young people in Uganda."*

EMI thanks ASTTBC members for their consideration and encourages techs who are interested in the work of EMI, to contact Patrick Cochrane.

**Cheque payable to:**

EMI CANADA

#201, 625-14th Street NW

Calgary, AB T2N 2A11-403

**Donations will be tax receipted****\*\*Please Attach Note stating:**

Survey Practicum eMi Canada

**Project #10058** Sponsor a Ugandan student Sponsor Patrick and JoanCredit Card donation through [www.emicanada.org/donate](http://www.emicanada.org/donate)