

# IEEE CANADA PRESIDENTS' MAKE A DIFFERENCE AWARD 2017

There's a perpetual twinkle in the eye of Dave Hepburn. Whatever his soft voice tells you he's up to now, be sure the next step is already fully in mind.

Hepburn has already done enough for two lifetimes — making differences the world over. Graduating in 1952 from the University of Stafford (U.K.), his career in power and energy spanned projects in 28 countries. Then as a consultant for humanitarian initiatives, he supported numerous international development organizations. In 2005 he became active in IEEE's Educational Outreach Program. In 2006 and each year since he has organized an IEEE Canada

booth at the annual conference of the Science Teachers' Association of Ontario (STAO), over time expanding IEEE's presence



to include demonstration of lesson plans. Not content to just deliver content, he has developed an innovative lesson plan on binary basics for pre-teens, and four foundational plans related to electricity, magnetism and motors. These are now adopted into IEEE's lesson plan database found at [tryengineering.org](http://tryengineering.org).

As pre-university educational activities within Canada coalesced under the Teacher In-Service Program (TISP), Hepburn has played a pivotal role. He has brought in other volunteers to the STAO initiative, judged science fairs, led numerous workshops and enlivened the pages of the *TISP Canada Courier* (this publication too).

What's next for Hepburn? Don't quote us, but we hear there may be another lesson plan coming. Stay tuned!

*Top: Dave and Diane Hepburn receive Award Certificate from IEEE Canada President Witold Kinsner, flanked by President-Elect Maïke Luiken (L) and Past President Amir Aghdam (R). The award was presented in Windsor at the BoD Saturday-night banquet.*



*Bottom: Dave Hepburn (LSMIEEE) ready for questions at the Science Teachers' Association of Ontario 2012 Annual Conference.*