



*Kevin Jacobson, P.Eng.
Association of Professional
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PhD in Electrical Engineering
University of Alberta*

CCPE - MANULIFE FINANCIAL SCHOLARSHIPS

The CCPE-Manulife Financial scholarship recipient Kevin Jacobson, P.Eng. is at the cutting edge of R & D in wireless communications technologies.

After earning a bachelor's degree in electrical engineering from the University of Manitoba, Kevin knew he wanted to pursue his studies further, but believed he could be more successful professionally if he gained industry experience before jumping back into his studies.

A member of the Association of Professional Engineers, Geologists and Geophysicists of Alberta, Kevin now has over 15 years of work experience under his belt, and has worked at various companies including, Nortel and Telus Communications.

Today, Kevin is working towards his PhD in electrical engineering at the University of Alberta, in Edmonton. Through his research, he hopes to discover more about the use of multiple antennae systems to maximize radio signals to make best use of the radio spectrum.

Kevin's research could have many practical applications in today's increasingly wireless world. Ultimately, a breakthrough in this area could mean that wireless technologies would operate faster, with stronger, more reliable signals. The implications could be very important not only for individual users like us, but also for the telecommunications industry, businesses, and medical fields.

While pursuing his PhD studies, Kevin owns and operates Jacobson Engineering Services, an electrical engineering consulting firm. Kevin believes that his involvement in Jacobson Engineering Services complements his studies because he specializes in the electrical protection of communications systems, damage investigations, and electrical interference investigations.

With his eye on holding a post-doctoral position either in Canada or abroad, Kevin ultimately hopes to share his knowledge, research and experience in Canada as a teacher or member of a research group.

