

## credentials + experience

- became one of four principals in Aercoustics Engineering Limited in 1992.
- responsible for optimizing the acoustics of some of Canada's finest performing arts centres including the **Vancouver Orpheum** (refurbished home of the Vancouver Symphony Orchestra); The **Esplanade Arts and Heritage Centre** in Medicine Hat, Alberta; plus Toronto's **Four Seasons Centre** for Performing Arts (new opera house), the Royal Conservatory of Music's **Koerner Hall** as well as the **Princess of Wales Theatre**. Plus various projects in the United States, Dubai, the United Arab Emirates and the Caribbean.
- awarded the **2007 Ed Schreyer Award** for engineering innovation by Canadian Consulting Engineers for the firm's work on the Esplanade Arts and Heritage Centre. Two key innovations were in small scale acoustic modeling and displacement ventilation.
- won a **CCE Award of Merit** in 1996 for the acoustic renovation of the Orpheum, and a Canadian Acoustical Association's **Directors' Award** in 2000 for an academic paper relating to the project.
- teaches at the University of Toronto's **Faculty of Architecture and Landscape Design**.
- bass choral singer, guitarist, past President of Toronto's Ensemble Noir.
- Member of the **Institute of Acoustics**, England.
- B.A.Sc., Electrical Engineering, University of Toronto, 1981  
M.Sc., Sound and Vibration Studies, Southampton University, 1985