

credentials + experience

- became one of four principals in Aercoustics Engineering Limited in 1992.
- expertise in Finite Element Analysis.
- environmental acoustician for most of the largest aggregate operators in Ontario.
- work in vibration control included tracing intermittent floor vibration in a **37-storey office tower** in downtown Toronto, and designing an **alternative top-floor space** over the building's core.
- vibration control projects included detailed design for a **400-tonne Tuned Mass Damper** (at the time the largest of its kind in the world) in the top of one of Australia's tallest office buildings, the **Chifley Tower in downtown Sydney**.
- architectural acoustics projects include cinemas for **Cineplex** and **Famous Players Cinemas**, one of the most notable being the conversion of the old **Sears building in downtown Montreal** – several cinemas were stacked above each other and over retail space, which entailed **innovative sound isolation**, HVAC noise, and room acoustical design within the re-purposed structure.
- other significant projects include Centre for Cellular and Biomedical Research, **University of Toronto**; **Art Gallery of Ontario** redevelopment led by renowned architect Frank Gehry; The Mike and Ophelia Lazaridis Quantum-Nano Centre, **University of Waterloo**.
- has appeared as an **expert witness** on numerous occasions before the Ontario Municipal Board (OMB).
- member of **the Association of Professional Engineers of Ontario, American Society of Mechanical Engineers, associate member of the Acoustical Society of America**.
- B.A.Sc., Mechanical Engineering, University of Toronto, 1985
M.A.Sc., Mechanical Engineering, University of Toronto, 1987