

YEAR: 2008-present

EMPLOYER: ATCO Structures & Logistics Ltd *(including former ATCO Noise Management Ltd)* Denver, Colorado

POSITION: Acoustical Engineer

POSITION SUMMARY: Conduct ambient surveys and equipment noise level measurements, acoustical modeling, noise impact assessments, and detailed acoustical engineering.

Deliver technical presentations and seminars to current and perspective clients.

YEAR: 2006-2008

EMPLOYER: WJHW, Dallas, Texas

POSITION: Senior Design Engineer

POSITION SUMMARY: Applied principles of acoustics, engineering and mathematics to the assessment, modeling, design and testing of architectural room acoustics, architectural sound isolation, mechanical noise and vibration control and environmental noise. Managed projects from schematic design to completion including fee proposal estimates.

YEAR: 2003-2006

EMPLOYER: GN ReSound, Chicago, Illinois

POSITION: Electroacoustic Engineer

POSITION SUMMARY: Experimentally determined the acoustical parameters of digital hearing aids using sophisticated acoustical equipment within fully anechoic chamber. Created technical specifications and submitted documentation to various countries across globe showing governmental standards compliance.

YEAR: 2003

EMPLOYER: Kirkegaard Acoustics

POSITION: Engineering Intern

POSITION SUMMARY: Calculated reverberation times for churches and performance halls based on architectural drawings. Developed and implemented a high frequency point sound source used for reflective wave isolation studies in a small scale model of orchestra halls.

- EDUCATION:**
- Masters of Science – Mechanical Engineering, acoustics emphasis, Georgia Institute of Technology (2003)
 - Bachelor of Science – Mechanical Engineering, University of Texas at Austin (1999)

PROFESSIONAL AFFILIATIONS: Registered Professional Engineer (Colorado), Professor Emeritus (Texas)

Associate Member, INCE
