

## **Blong Xiong**

### **Senior Consultant**

Blong has been with Colin Gordon Associates since 2006. As a Senior Consultant at Colin Gordon Associates, his activities include project management, field measurements, and design support. Blong has been involved in the design and validation of multiple high tech manufacturing facilities, academic research laboratories, and healthcare facilities. He has extensive experience with instrumentation and field data collection for both vibration and acoustics related projects. His work also includes structural vibration analysis using Finite Element Analysis, environmental noise modeling, and long term vibration and noise monitoring. Prior to Colin Gordon Associates, his work experience was in development and testing of noise control applications for automobile interior cabins.

### **Professional Experience**

- Colin Gordon Associates, 2006 – Present
- Lear Corporation, NVH Applications Engineer, 2002 - 2004

### **Education**

- M.S., Sound and Vibration, Chalmers University of Technology, Gothenburg, Sweden
- B.S., Mechanical Engineering, Kettering University, Flint, MI

### **Honors and Professional Societies**

- Member, Institute of Noise Control Engineering
- Member, Acoustical Society of America
- Member, National Council of Acoustical Consultants

### **Selected Project Experience**

- University of Oklahoma, Chun C. Lin Hall Physics and Astronomy Building
- University of New Mexico Physics and Astronomy Interdisciplinary Science Building (PAIS)
- SLAC National Accelerator Laboratory, Photon Science Laboratory Building (PSLB)
- The University of Texas at Arlington, Science and Engineering Innovation and Research Building (SEIRB)
- University of Pennsylvania Singh Center for Nanotechnology

- UC Merced Science and Engineering 2 Building
- UC Berkeley, Campbell Hall – Vibration and acoustics design support for basement labs.
- Austin College New Science Building, Sherman, TX
- NREL Energy Systems Integration Facility, Golden, CO
- Ames Laboratory Sensitive Instrument Facility, Ames, IA
- Oak Ridge National Laboratory (ORNL), Leadership Imaging Facility
- Argonne National Laboratory, Long Beam Building, Lemont, IL