

## Publications

- Evans JB. 2016. Noise measurement and mitigation for urban building foundation excavation. *Proc ICA 2016 – 22nd International Congress on Acoustics, Buenos Aires, Argentina*. Int Comm for Acoustics.
- Himmel CN. 2016. Isolation room exhaust fan noise in a hospital. *Proc Inter-Noise-2016, Hamburg, Germany*. Int Inst Noise Control Eng.
- Evans JB, CN Himmel & CH Wiese. 2015. Case study: Teaching hospital design with FGI acoustical criteria. *Proc Inter-Noise-2015, San Francisco, CA*. Int Inst Noise Control Eng.
- Evans JB. 2015. Industrial, environmental and architectural noise in an office and manufacturing campus. *Proc 22nd Int Cong on Sound and Vibration, Florence, Italy*. pdf 419. Int Inst Acoustics & Vibration.
- Himmel CN. 2013. Building vibration control for high plume exhaust fans. *Proc Inter-Noise-2013, Innsbruck, Austria*. Int Inst Noise Control Eng.
- Evans JB. 2013. Letters from the edge: Less conventional acoustical solutions. *Proc ICA 2013 - 21st International Congress on Acoustics, Montréal, Canada*. Int Comm for Acoustics.
- Evans JB. 2012. Vertical transmission of vibration and noise to a research laboratory from mechanical equipment room. *Proc Inter-Noise 2012 - 41st Int Cong on Sound and Vibration, New York City*. INCE.
- Evans JB, JD Leasure & CN Himmel. 2012. Air-Cooled Refrigeration Chiller Installations near Residential Structures. *Proc ASHRAE 2012 Annual Conference, San Antonio, Texas*. Am Soc Heating, Refrigerating and Air-Conditioning Eng.
- Evans JB & CN Himmel. 2012. Acoustical standards and criteria documentation of sustainability in hospital design and construction. *Prog Scientifique du 11ème Congrès Français d'Acoustique*, Nantes, France (pdf 276). Soc Française d'Acoustique.
- Leasure JD. 2011. Constructing SoundPLAN models for noise studies that are consistent with the HUD Noise Guidebook. *Proc Noise-Con 2011 - Nat Conf on Noise Control Eng., Portland, Oregon*. Inst Noise Control Eng.
- Evans JB. 2011. Pump noise and vibration mitigation in high-rise residential condominium. *Proc 18th Int Cong on Sound and Vibration, Rio de Janeiro*. pdf R5AA. Int Inst Acoustics & Vibration.
- Himmel CN. 2010. Concrete pier foundation and building design for electron microscope installations with vibration disturbances from train, truck, and bus traffic. *Proc Noise-Con 2010 - Nat Conf on Noise Control Eng, Baltimore, Maryland*. Inst Noise Control Eng. Also, *Proc Inter-Noise-2010*.
- Evans JB. 2010. Evolving Acoustical Standards and Criteria for Green and High Performing Buildings in North America. *Prog Scientifique du 10ème Congrès Français d'Acoustique*, Lyon, France (pdf 210). Soc Franç d'Acoust.
- Evans JB & CN Himmel. 2009. Acoustical and Noise Control Criteria and Guidelines for Building Design and Operations. *Proc ICEBO 2009, 9th Int Conf for Enhanced Building Operations, Austin, TX*.
- Evans JB. 2009. Reduction of tonal noise in lecture room air conditioning supply ducts. *Proc Inter-Noise 2009 - Int Conf on Noise Control Eng, Ottawa, Canada*. pdf 754. Inst Noise Control Eng.
- Evans JB. 2009. Acoustical corrections for open and closed offices – case study. *Proc 16th Int Cong on Sound and Vibration, Krakow, Poland*. pdf 269. Int Inst Acoustics & Vibration.
- Evans JB. 2009. Pediatric Research Facility Noise and Vibration Design Case Study. *Proc 2009 ASHRAE Winter Conference, Chicago*. Am Soc of Heating, Refrigerating and Air-Conditioning Eng.
- Evans JB, CN Himmel & DJ Kupersztoch. 2008. Nanotechnology research facility—a vibration and noise control design case study. *Proc Acoustics'08, 2nd Jt Conf of ASA and EAA, Paris, France*. Soc Française d'Acoustique.
- Himmel CN & DJ Kupersztoch. 2008. Field airborne and impact sound insulation of wood truss floor systems. *Proc Acoustics'08, 2nd Jt Conf of ASA and EAA, Paris, France*. Soc Française d'Acoustique.
- Evans JB. 2007. Noise Control for Neonatal ICU for Demolition and Construction within Hospital Facilities. *Proc Noise-Con 2007 Nat Conf on Noise Control Eng, Reno, Nevada*. pdf nc07-144. INCE.
- Himmel CN. 2007 Comparative Analysis of Retrofit Windows for Noise Control at a Hotel. *Proc 14th Int Cong on Sound and Vibration, Cairns, Australia* pdf 456. Int Inst Acoustics & Vibration.
- Evans JB. 2007. Protecting the NICU from Construction Noise. *20th Annual Gravens Conference on the Physical and Developmental Environment of the High-Risk Infant, Tampa, FL*. USF Health. Also, *Proc Noise-Con 2007*.
- Evans JB & MK Philbin. 2006. Standards for the acoustic environment of the newborn ICU. *J Perinatology*. 26 (Suppl 3s):S27-S30.
- Evans JB. 2006. Pneumatically Isolated Inertia Base with Active Damping for a Transmission Electron Microscope (TEM). *Proc 12th Int Mtg on Low Frequency Noise & Vibration and its Control, Bristol, UK*. pp. 45-56.
- Evans JB. 2006. Garage Structure Vibration Transmission to Human Occupied Spaces. *Proc 13th Int Cong on Sound and Vibration, Vienna, Austria*. pdf 0593. Int Inst Acoust & Vibration.
- Evans JB. 2005. Structural Floor Vibration and Sound Isolation Design for a Magnetic Resonance Imaging System. *Building Acoustics*. 12(3):207-223. Univ Liverpool, UK
- Evans JB. 2005. Noise and Vibration Issues in Contemporary Medical Facilities. *Proc Noise-Con 2005 - Nat Conf on Noise Control Eng, Minneapolis, MN*. pdf nc05-212P. Inst Noise Control Eng.
- Evans JB. 2005. Vibration Mitigation Design for a 25MW Steam Turbine-Generator Power Plant. *Proc 12th Int Cong on Sound and Vibration, Lisbon, Portugal*. pdf 0729. Int Inst Acoust & Vibration.
- Himmel CN. 2005. Structural Vibration Isolation Retrofit Design for a Magnetic Resonance Imaging System. *149th Mtg Acoust Soc Am, Vancouver, BC, Canada*.
- Evans JB & CN Himmel. 2004. Quiet That Compressor. *Plant Services*. 25(11):37-41 and 25(12):48-49.
- Evans JB. 2004. Acoustical Standards for Classroom Design - Comparison of International Standards and Low Frequency Criteria. *Proc 11th Int Mtg on Low Frequency Noise & Vibration, Maastricht, Netherlands*. INCE, European Acoust Assoc.
- Evans JB. 2004. Sound Isolation Design for a Magnetic Resonance Imaging System. *Proc 11th Int Cong on Sound and Vibration, St. Petersburg, Russia*. pdf 557:591-598. Int Inst Acoust and Vibration.
- Evans JB. 2004. Designing for Better Sound in Schools. *Texas Architect*. 54(1):52-58.
- Evans JB. 2003. Fan Selection and Sizing to Reduce Inefficiency and Low Frequency Noise Generation. *Proc Fan Noise 2003 - 2nd Int Symp, Senlis, France*. pdf 72D3. Int Inst Noise Cntrl Eng.
- Himmel CN. 2003. Improvement of Through-Wall Air Conditioner Transmission Loss. *Proc Fan Noise 2003 - 2nd Int Symp, Senlis, France*. pdf 70P6. Int Inst Noise Control Eng.
- Evans JB. 2003. Structural Floor Design for a Magnetic Resonance Imaging System. *Proc 10th Int Cong on Sound and Vibration, Stockholm, Sweden*. pdf P112. Int Inst Acoust & Vibr.
- Knight SB & JB Evans. 2003. Case Study: Four University Law Lecture Auditoria Renovated for Improved Acoustics. *Proc Noise-Con 2003 - Nat Conf on Noise Control Eng, Cleveland, Ohio*. pdf nc03-051. Inst Noise Control Eng.
- Evans JB. 2002. Engine Test Cell Noise Emission Design with Performance Validation Results. *J Low Frequency Noise, Vibration and Active Control*. 21(4):207-218. Also *Proc 10th Int Mtg on Low Frequency Noise & Vibration, York, UK*. pp. 243-250.
- Evans JB & CN Himmel. 2003. Vibration Mitigation Design for an Academic Building Adjacent to a Turbine-Generator Power Plant. *Proc EuroNoise 2003, 5th European Conf on Noise Control, Naples, Italy*. pdf 282-1. European Acoust Assoc and Acoust Soc Italy.
- Himmel CN & JB Evans. 2002. Virtual Auditorium Concepts for Exhibition Halls. *Proc 1st Pan-American/Iberian Mtg on Acoustics, Cancun, Mexico*. pdf 3pAA1. Acoust Soc Am, Iberoamerican Federation of Acoustics, Mexican Inst Acoustics.
- Knight SB, Evans JB & CN Himmel. 2002. Case Study of a Hospital Atrium with Overlooking Patient Rooms. *Proc 9th Int Cong on Sound and Vibration, Orlando, Florida*. pdf 574-1. Int Inst Acoust & Vibration.
- Evans JB, SB Knight & CN Himmel. 2002. Acoustic Design and Performance Validation Measurements for a Round Auditorium. *Prog Scientifique du 6ème Congrès Français d'Acoustique, Lille, France*. pdf 3b5-4. Soc Française d'Acoustique and Belgian Acoust Assoc.
- Knight SB, Evans JB & CN Himmel. 2001. Air Cooled Chillers with Rotary Helical Screw Compressors-Tonal Noise Mitigation at Hospital. *Proc Inter-Noise 2001 - Int Conf on Noise Control Eng, The Hague, Netherlands*. pdf 747:115-118. Int Inst Noise Control Eng.
- Evans JB. 2001. Passive Absorber Noise Reduction for Clean Room Fans. *Proc 8th Int Cong on Sound & Vibration, Hong Kong*. pdf 890:853-861. Int Inst Acoustics & Vibration.
- Evans JB. Hotel Sound Control Retrofit Window Performance Evaluation. *Proc 8th Int Cong on Sound & Vibration, Hong Kong*. pdf 891. Int Inst Acoust & Vibr. (2001):895-903.
- Evans JB & MK Philbin. 2000. Facility and Operations Planning for Quiet Hospital Nurseries. *J Perinatology*. 20(Suppl S1):S105- S112.
- Evans JB. 1995. What Should a Prison Sound Like? *Texas Architect*. 45(1):76 & 72.
- Evans JB. 1993. Halting Hospital Noise. *Texas Architect*. 43(3):47.
- Evans JB. 1990. Community Annoyance with Sports Crowd Noise. *Proc Noise-Con 1990, Austin, Texas*. pp. 237-242. Inst Noise Control Eng.

## Presentations

In addition to our presentations at international conferences and meetings where published technical papers were presented by our personnel, JEACOUSTICS has been invited to give presentations for various acoustical meetings, professional groups & architecture firms.

### **Acoustics for Academic Research, Healthcare and Residential**

Speakers: Guillermo Ramos, Jack B. Evans & Chad Himmel  
2014 TCUF Conference, Dallas  
October 1, 2014

### **Noise and vibration control in residential projects**

Speaker: Chad Himmel  
Austin Energy Green Building Seminar Series  
July 18, 2014

### **Acoustical Criteria and Guidelines for Architectural Design**

Speaker: Jack B. Evans, P.E.  
AIA Austin Summer Conference  
June 15, 2012

### **Sound Isolation in Multifamily Residential Projects**

Speaker: Chad Himmel, P.E.  
AIA Austin Summer Conference  
June 15, 2012

### **Acoustics - Architectural Registration Exam Seminar**

Speaker: Jack B. Evans, P.E.  
Presented to FKP Architects, Houston  
February 28, 2011

### **Soil Vibration and Micro-Imaging: The Challenge of Designing Sensitive Imaging Facilities for Sites with Significant Vibration**

Speaker: Chad Himmel  
University of Texas at Austin, Acoustics Area Seminars  
September 10, 2010

### **Two healthcare buildings get the power, the noise, and the vibration from a gas turbine generator system**

Speaker: Chad Himmel  
Session 2pNcE, 159th Meeting of the Acoustical Society of America (ASA), Baltimore, April 19-21, 2010  
April 20, 2010

### **Acoustical and Noise Control Criteria and Guidelines for Building Design and Operations**

Speaker: Jack B. Evans  
University of Texas at Austin, Acoustics Area Seminars  
February 12, 2010

### **Architectural Acoustics**

Speaker: Jack B. Evans  
Seminar: #109063, 2009 Texas Society of Architects (TSA)  
Convention, Houston, October 22-24, 2009  
October 24, 2009

### **Noise and Vibration Control for Building Electrical Systems**

Speaker: Chad Himmel  
Seminar: #109034, 2009 Texas Society of Architects (TSA)  
Convention, Houston, October 22-24, 2009  
October 23, 2009

### **Mechanical equipment and ambulances: Strange bedfellows of cardiovascular services**

Speaker: Chad Himmel  
Special session: "Hospital Noise & Health Care Facilities"  
157th Meeting of the ASA, Portland, Oregon  
May 21, 2009

### **Noise and Vibration Design for a Pediatric Research Facility**

Speaker: Jack B. Evans  
Seminar 36, ASHRAE Winter Conference, Chicago  
January 26, 2009

### **Acoustics in Green Building Design**

Speaker: Jack B. Evans  
Austin Energy Green Building Seminar Series  
January 18, 2008

### **Acoustics, Noise and Vibration in Residential Projects**

Speaker: Chad Himmel  
Austin Energy Green Building Seminar Series  
January 18, 2008

### **Acoustics - Architectural Registration Exam Seminar**

Speaker: Jack B. Evans, P.E.  
Presented to AIA Austin Chapter  
February 17, 2007

### **Condo Risk Management - Acoustics and Vibration**

Speaker: Jack B. Evans, P.E.  
Presented to Looney Ricks Kiss Architects, Memphis  
May 4, 2006

### **Various Countries' Standards for Classroom Acoustics**

Speaker: Jack B. Evans  
150th Meeting of the ASA, Minneapolis  
October 17, 2005

### **Structural Vibration Isolation Retrofit for a Magnetic Resonance Imaging System**

Speaker: Chad Himmel  
Session 4aNS4, 149th Meeting of the Acoustical Society of America (ASA), Vancouver, BC, Canada  
May 19, 2005

### **Floor Vibration Evaluations for Medical Facilities**

Speaker: Chad Himmel  
Session 2aNS3, 146th Meeting of the Acoustical Society of America (ASA), Austin, November 10-14, 2003  
November 11, 2003

### **Acoustical Recommendations for Secondary Uses of Government Facilities**

Speaker: Jack B. Evans  
Session 4pAA, 146th Meeting of the ASA, Austin  
November 13, 2003

### **Starting With Acoustics in Building Design: Case Studies**

Speakers: Jack B. Evans, P.E. and Chad Himmel, P.E.  
Continuing Education Lecture No FR52, AIA 2003 National Convention and Expo in San Diego, May 8-10, 2003  
May 9, 2003  
Also, presented to AIA Austin Chapter - Summer School  
August 28, 2003

### **Engineering Case Studies in Acoustics**

TSPE Student Chapter - The University of Texas at Austin  
Speakers: Jack B. Evans, Sarah Knight & Chad Himmel  
November 07, 2002

### **Vibration Isolation and Environmental Noise Control for HVAC & Power Systems**

Speakers: Jack B. Evans, P.E. and Chad Himmel  
ASHRAE, Austin Chapter  
October 18, 2001

### **Acoustics 101 for Architects**

Speaker: Jack B. Evans, P.E.  
Presented to WHR Architects, Houston  
August 17, 2001

### **Logarithms and Sound**

Speaker: Chad Himmel  
John B. Connally High School, Austin  
April 5, 2001

**Published Credits** -- Articles featuring JEAACOUSTICS projects or personnel

**GLG Tenant Improvements, Austin, TX**

Lubell, Sam. 2016. "Workplace • GLG Austin." *Contract*. September, 28, 2016

**SMPS Member Spotlight: Jack B. Evans, P.E.**

Marketer Staff. 2015. "Jack B. Evans, P.E." *Marketer*. *The Journal of the Society for Marketing Professional Services*, p 49, October, 2015

**U.S. Embassy Compound, Helsinki, Finland**

ENR Staff. 2014. "Global Award of Merit, Green Project: U.S. Embassy Compound, Helsinki, Finland, Phase 1." *Engineering News-Record*. May, 2014

**U.S. Embassy Compound, Dakar, Senegal**

Van Hampton, Tudor. 2014. "Award of Merit, Government Buildings." *Engineering News-Record*. May, 2014

**LifeWorks Sooch Foundation Youth and Family Resource Center, Austin, TX**

Spencer, Ingrid. 2013. "A New Lease on Life." *Texas Architect*. 63(4):53,90

**U.S. Embassy Compound, Monrovia, Liberia**

Van Hampton, Tudor. 2013. "Global Merit Award, Government Building: U.S. Embassy in Liberia." *Engineering News-Record*. June, 2013

**Tellespsen Family Downtown YMCA, Houston, TX**

Glitsch, Val. 2012. "The Big Picture." *Texas Architect*. 62(4):51

**Brockman Hall, Rice University, Houston, TX**

Sharpe, Stephen. 2011. "Brockman Hall for Physics, Houston, KieranTimberlake." *Architect*. September 11:200

Kacmar, Donna. 2011. "2011 Design Awards: Brockman Hall for Physics." *Texas Architect*. 61(5):52

**The Methodist Hospital Research Institute, Houston, TX**

Heinze, Noelle. 2011. "Portfolio: Healthcare." *Texas Architect*. 61(5):94

**Interdisciplinary Life Sciences Building (ILSB)**

**Texas A&M University, College Station, TX**  
Burris, Charlie. 2010. "Science in a New Light." *Texas Architect*. 60(1):49.

**1400 South Congress Mixed Use, Austin, TX**

2009 Texas Society of Architects (TSA) Design Award  
Connolly, Lawrence. 2009. "Eclectic Ensemble." *Texas Architect*. 59(5):41. [JEAACOUSTICS' client, Dick Clark Architects, is credited.]

Zissman, Mindi. 2008. "Developments and Trends in Acoustics and Noise Control." *Architectural Products*. Nov-08:22-24.

**Harte Research Institute for Gulf of Mexico Studies**

**Texas A&M University, Corpus Christi, TX**  
Sharpe, Stephen. 2007. "Mission Expressed." *Texas Architect*. 57(2):39.

**Texas A&M University Jack E. Brown Chemical Engineering Building, College Station, TX**

Graham, Charles. 2007. "Sleek Landmark." *Texas Architect*. 57(1):31.

**Austin Resource Center for the Homeless (ARCH), TX**

Stanley, Lauren Woodward and Lars Stanley. 2006. "Home for Homeless." *Texas Architect*. 56(6):32.

**Austin City Lofts, Austin, TX**

Krolicki, Jeff. 2005. "Living Aloft." *Texas Architect*. 55(3):29.

**Austin City Hall, Austin, TX**

Connolly, Lawrence. 2005. "Keeping Austin Weird." *Texas Architect*. 55(2):25. [JEA's client, ACR Engrg, is credited.]

**Lester E. Palmer Events Center, Austin, TX**

**2004 Texas Society of Architects (TSA) Design Award**  
Sharpe, S. 2004. "Pavilion in the Park." *Texas Architect*. 54(5):65.

Wigodsky, Dan. 2004. "Shelter for the City." *Texas Architect*. 54(3):20.

**Trustee Hall, St. Edwards University, Austin, TX**

Danze, Elizabeth. 2004. "Balancing Act." *Texas Architect*. 54(1):24.

**Sarah M. and Charles E. Seay Psychology, Child Development, and Family Relationships Building, University of Texas at Austin, TX**

Andersson, Arthur. 2003. "Psychology Today." *Texas Architect*. 53(4):35.

**Austin Convention Center Expansion, Austin, TX**

Connolly, Lawrence. 2003. "More Cityscape than Building." *Texas Architect*. 53(1):56.

**Denton A. Cooley Building at St. Luke's Episcopal Hospital for the Texas Heart Institute, Houston, TX**

Hughes, Greg. 2003. "Just What the Doctor Ordered." *Texas Architect*. 53(3):25.

Mosher, Diana. 2002. "State of the Heart." *Contract*. Sep-02:44.

**Texas Children's Hospital, Clinical Care Center, Houston, TX**

Nayar, Jean. 2002. "Medical Geometry." *Contract*. Sept:64.

**Texas Children's Hospital, Clinical Care Center, Houston, TX**

Sparks, Tara. 2002. "Portfolio: Health Care Facilities." *Texas Architect*. 52(3):39. [JEAACOUSTICS' client, Texas Children's Hospital, is credited as owner.]

**Bob Bullock Texas State History Museum, Austin, TX**

2001. "Tales of Texas." *Texas Architect*. 51(4):48.

**Aquarium at Moody Gardens, Galveston, TX**

Morehead, Susan. 2000. "Into the Deep." *Texas Architect*. 50(4):32.

**Reed Arena Special Events Center**

**Texas A&M University, College Station, TX**  
Canizaro, Vincent. 2000. "Arena Sensibility." *Texas Architect*. 50(3):40. [JEAACOUSTICS' client, BAi Austin, is credited.]

**Moody Gardens Hotel and Hospitality Institute, Galveston, TX**

Williamson, Susan. 1999. "Gulf Resort." *Texas Architect*. 49(4):46.

**Jack B. Evans, President, TSPE Travis Chapter**

Worhach, Denise. 1993. "Acoustical engineer to make some noise as chapter president - Jack Evans sets goals for local TSPE." *Austin Business Journal*. Feb 15-21, Sec. B: 2.

**Austin Convention Center, Austin, TX**

Williamson, Susan. 1992. "Breaking the Box." *Texas Architect*. 42(6):46; also 42(5):8.

**3M Austin Center, Phases 2 & 3, Austin, TX**

Tilley, Ray Don. 1991. "Private Space, Public Face." *Texas Architect*. 41(3):38.

**UT Austin Alumni Center, Austin, TX**

**1991 AIA Gold Medal Award - Charles Moore**  
1991. "Alumni Cheer." *Architecture*. Mar-91:1.

1991. "AIA Gold Medal - Charles Moore." *Texas Architect*. 41(2):42.

**Galveston County Jail, Galveston, TX**

1990. "Downtown Justice." *Texas Architect*. 40(4):33. [JEAACOUSTICS' client, Oliver & Beerman Architects, is credited.]