

Publications

- Evans JB. 2018. Acoustical Criteria for the Texas Capitol Complex Master Plan. *Proc Inter-Noise-2018, Chicago, IL*. Int Inst Noise Control Eng.
- Himmel CN. 2018. Vibration isolation performance for industrial metal forming presses. *Proc Inst Acoustics Annual Conf. 2018, Cardiff, Wales, UK*. Vol. 40., Pt. 1. Inst Acoustics.
- Evans JB. 2017. Environmental Noise and Ground Vibration Control for Precision Calibration Laboratory. *Proc 24th Int Cong on Sound and Vibration, London, UK*. pdf 918. Int Inst Acoustics & Vibration.
- Evans JB. 2017. Noise Mitigation and Attenuation for Test Cells With Multiple Small Engines. *Proc 24th Int Cong on Sound and Vibration, London, UK*. pdf 917. Int Inst Acoustics & Vibration.
- Himmel CN. 2016. Isolation room exhaust fan noise in a hospital. *Proc Inter-Noise-2016, Hamburg, Germany*. Int Inst Noise Control Eng.
- Evans JB. 2016. Noise measurement and mitigation for urban building foundation excavation. *Proc ICA 2016 - 22nd Int Congress on Acoustics, Buenos Aires, Argentina*. Int Comm for Acoustics.
- Evans JB, CN Himmel & CH Wiese. 2015. 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*. IINCE.
- Evans JB, JD Leasure & CN Himmel. 2012. Air-Cooled Refrigeration Chiller Installations near Residential Structures. *Proc ASHRAE 2012 Annual Conference, San Antonio, Texas*.
- 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. *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. *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-vibration and noise control design. *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. 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.
- Knight SB, Evans JB & CN Himmel. 2002. 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. pdf 890:853-861, and 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.