

Richard J. Peppin, P.E., P.Eng.

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ACADEMIC BACKGROUND

City College of New York, B.E. Mechanical Engineering, 1965
 W. VA University, M.S. Theoretical & Applied Mechanics, 1966
 Rensselaer Polytechnic Inst., M.S. Mechanical Engineering, 1969
 McMaster University, Ph.D. Candidate, Mechanical Engineering, 1972

LICENSES AND REGISTRATIONS

Licensed Professional Engineer: NY (51519), NJ (20911), MD (12869), VA (036156), Ontario
Board Certified in Noise Control Engineering: Institute of Noise Control Engineering
Certified Quality Systems Auditor: ISO 9000, Registrar Accreditation Board (1995-2000)
Approved Auditor: Calibration Cooperative, PRI, Society of Automotive Engineers

PROFESSIONAL EXPERIENCE*Business*

Engineers for Change, Inc. (2013-), President and Principal Consultant
 Richard J. Peppin, PE (2013-), Principal
 Scantek, Inc. (2012-), Principal Consultant
 Scantek Inc. (1985-95, 1998-2012), President
 Larson Davis Laboratories, Inc. (1995-98), Eastern Regional Manager
 Industrial Acoustics Co. (1995), Vice President, Market Development
 Brüel and Kjær Instruments (1982-85), Head, Acoustics and Environmental Marketing Groups
 Pratt & Whitney Aircraft (1967-69), Sr. Structural Engineer
 Bendix Corp. Eclipse Pioneer Div. (1965-66), Engineer

Associations

Institute of Noise Control Engineering (1997-) Manager, Expositions
 Institute of Noise Control Engineering (2002-) Manager, Advertising, "Noise News International"
 Noise Control Engineering Journal (2004-5, 2008-) Associate Editor, Book Reviews
 International Journal of Acoustics and Vibrations (2005-8), Associate Editor, Book Reviews
 Canadian Acoustical Association (2005-2011) Director

Government

State of Maryland, MD Department of Environment, (2004-2007), Member, Environmental Noise Advisory Council
 National Park Service (1981-82), Acting Chief, Division of Safety Management
 Occupational Safety and Health Administration (1979-80), Sr. Scientist and Safety Engineer
 Montgomery County Government (1976-79), County Noise Control Engineer

Education

Pennsylvania State University (1987-99), Montgomery College (1989-90), McMaster University (1969-72), Instructor

Consulting

Straughan Environmental Services, Principle Acoustical Engineer (2000-1)
 Air Conditioning & Refrigeration Institute (1996-97), Consultant in Acoustics
 National Institute for Standards and Technology (1982-), Laboratory Assessor
 American Association for Laboratory Accreditation, Laboratory Assessor (1992-4), Member, Accreditation Council (1994-6)
 Performance Review Institute (1994-), Assessor
 Robson Lapina (1985-95), Forensic Expert- Acoustics
 Robson Forensic Assoc. (2007-9)
 State of Maryland (1983-), Noise Control Engineer
 Richard J. Peppin, P.E. (1975-), Principal Consultant
 White Mountain Research (1975-85), Principal Consultant
 Jack Faucett Associates (1977-79), Sr. Consultant
 Science Applications (1975-76), Manager, Community and Industrial Noise Programs
 Kodaras Acoustical Laboratories (1973-75), Sr. Acoustical Consultant
 Engineering Science, Inc. (1973), Consultant
 Donley Miller & Nowikas (1972-73), Consultant

Expert Witness (partial list)

•1986 March, Montgomery County Zoning Hearing Examiner, Office of Zoning and Administrative Hearings, Boyd's Citizens Association v. Rockville Crushed Stone, Montgomery County Board of Appeals, Chen-Walsh and Teckler, William Chen, Attorney•1996 May 31 Robert J. Califano v. Montgomery Ward, Schenectady, NY Delaware, Gordon, Pasquariello, Weiskopf & Harding, Charles. Harding, Attorney, Hearing Conservation•2000 May 31, Buck Hill Falls Co v. Clifford Press and Elizabeth Sawyer, Stroudsburg PA, Judge Worthington, G. Westervelt, Attorney•Community Noise qualified in the court of common pleas of Monroe county Pennsylvania, case no 6480 civil 1999•2000 November 14, U.S. District Ct, Wash. DC, Harris v. National Rail Passenger Association (AMTRAK), Judge Emmitt Sullivan, Vincent McKnight, Attorney•2000 September 27 and November 2, Zoning Hearing Examiner for Prince George's County Hearing Examiner Joyce Nichols, Larry Taub, Attorney•2001 May 8 Anne Arundel County Zoning Hearing Examiner, Les Jenkins Family Fun Park v. Anne Arundel County, Stephen M. Legendre, Hearing Examiner, F. Delavan, Attorney•2003 April 9 Montgomery County Board of Appeals, Petition of Wendy Walker•2003 May 5 Luzerne County, PA Criminal Court, Commonwealth v. Stubbs, Peter Paul Olszewski, Jr., Judge, A. Flora, Attorney•2004 March 24 Baltimore County, MD, Board of Appeals, Lawrence Wescott Chair, Robert Hoffman, Attorney•2004 April 14 Baltimore County, MD, Board of Appeals, Lawrence Wescott Chair, Scott Breeze, Attorney•2006 March 28 Anne Arundel County Md Board of Appeals, Cunningham Sand and Gravel, Special Exemption, Anthony V. Lamartina, Chair, Anthony A. Gorski Attorney• 2006 July 11 East Hempfield (PA) Board of Supervisors, Lancaster Helicopter v. R. Szarko, Niel Kinsey, Chair, Paula Leicht, Attorney•2011 Sept. 15, Prince Georges County Planning Board, Elizabeth Hewett, Chairperson, Edward Gibbs. Attorney•2011 Sept. 28- Oct. 7, Prince Georges County Zoning, Hearing Examiner Joyce B. Nichols, Edward Gibbs, Attorney

TECHNICAL AFFILIATIONS

Transportation Research Board of the National Academies

Transit Cooperative Research Program Project Panel D-12 Member, (2005-)

American National Standards Institute

Chair, Acoustical and Vibrations Standards Board (1996-8)

Acoustical Standards Management Board (1979-81)

Committee Z-137, Hearing Protection (1979-82)

Committee Z-89, Head Protection (1979-81)

Safety and Health Standards Management Board (1980-1)

ASTM (previously American Society for Testing and Materials), Member (1972-)

Committee E-33 Environmental Acoustics

Task group Chairperson, Community Noise, Plumbing Noise, Anechoic Rooms, Impedance Tubes, Surface Properties, Loudspeaker Characteristics

Subcommittee Chairperson, Future Meetings, Community Noise, Applications of Acoustical Materials

Subcommittee Vice Chairperson, Research, Mechanical & Electrical Noise, Community Noise, International Standards

Subcommittee Secretary, Research, Community Noise, International Standards, Definitions

Other Committees, Committee F-15, Consumer Product Safety, Committee E-34, Occupational Safety and Health, Committee F-13, Safety and Traction, Committee E-7. Non Destructive Testing, Committee F-II, Vacuum Cleaners, Committee D-10, Packaging

American Society of Mechanical Engineers, Fellow (1995-), Member (1972-)

Chair Safety Division (1972-78)

Chair Technology and Society Division (1978-82)

Received two Society awards, member of several standard writing groups, member Peer Fellow Committee, ASME Representative to AAAS Committee on Scientific Freedom & Responsibility, Professional Society Ethics Group (1992-2000), National Nominating Committee Member, Board of Directors, DC Region

Performance Test Code -36 "Measuring Industrial Sound" Member, (1992-)

American Society of Heating, Refrigeration, and Air Conditioning Engineers, Member (1983-) TC-2.6, Sound & Vibration,

Chair (1998-), Vice-Chair (1995-98), Wrote and evaluated work-statements for ASHRAE Research, teach four seminars per year, Principal Investigator: research project on HVAC noise estimation (1993-6), Chair, Standards Committee (1994-), ASHRAE representative to ANSI S12 (2004-), Editor Applications handbook Chapter (2004-) ASHRAE Professional Development Seminars (Atlanta, Chicago, Nov, 1992, McLean, Dec, 1993)

Acoustical Society of America, Fellow (1994-), Member (1972-93)

Chair, Technical Committee on Noise (1997-2000)

Chair, American National Standards Committee S2 on Shock and Vibration (2000-2006)

Expert American National Standards Committee S12 on Noise Vibration (2000-)

Chair, American National Standards Committee S1 on Acoustics (2013-), Vice-Chair (2006-2012)

Chair, Working Groups on: Sound Power, Room Criteria, FFT Analyzers, Windscreens, Member, Technical Committees on Noise and on Architectural Acoustics, Member NC Chapter, Chair, Exhibits Committee (1988-90, 1994-), Vice-president DC Chapter (1992-3), President, DC Chapter (1993-4), Member, Archives & History Committee (1994-), TC Noise representative on ASACOS (2007-)

Institute of Noise Control Engineering, Fellow (2009-), Member, Board Certified (1973-)
 President (1997-8), Exhibits Manager (1996-), President Elect (1996-7), Officer (Vice-president Membership, Vice-president External Affairs), Director, Editor, paper reviewer (1975-), Associate Editor- Book reviews (2008-), Vice-president Board Accreditation (2012-), INCE Representative to American national Standards Committee S12-Noise (2011-)

International Organization for Standardization (ISO), (1995-) Designated Expert to: TC/43/SC1 wg44, Noise Control by Silencers and ISO/TC43/SC1/WG28, Sound Power

Transportation Research Board Committee on Transportation-Related Noise and Vibration, ADC40 Member, (2012-)

Institute of Environmental Sciences, Sr. Member (1974-95)
 Vice-president, National Capitol Chapter

Canadian Acoustical Association, Member (1985-), Director (2005-2011), Advertising Manager (2009-2012)

Canadian Standards Association Acoustics and Noise Control Technical Committee (Z107) (2005-08)

Computer & Business Equipment Manufacturer's Assoc., Member ESC-6 (1983-92)

American Society for Quality Control, Member (1994-6)

Association of Professional Engineers of Ontario, Member (1970-80, 86-)

Society of Automotive Engineers, Member (1990-)
 Committee A-21 on Aircraft Noise (1987-), Paper reviewer (1987-)

National Science Foundation, Proposal Reviewer (1981-83)

Vibration Institute, Member (1985-)

Listed in "Who's Who in Engineering," "Who's Who in Technology Today," "International Who's Who in Engineering," "American Men and Women in Science," "Who's Who in Society," "Who's Who in the East," "Who's Who in Science and Engineering"

Awards

- ASME Centennial Medal, 1980
- ASME Dedicated Service Award, 1990
- ASTM Certificate of Appreciation, 1998
- ASTM Wallace Waterfall Award, 1993
- ASA Fellow, 1994
- ASME Fellow, 1995
- INCE Fellow, 2009

Editorial

- Shock and Vibration Digest, Board of Editors (1988-1995(est.))
- Airport Noise Report, Editorial Advisory Board (1988-95)
- Noise/News, Editor for ASME
- Sound and Vibration, Contributing Editor (1995-2008)
- Noise Control Engineering Journal, Associate Editor (2004-2005, 2008-)

COMMUNITY ACTIVITIES

Community Involvement and Environment

Citizens Against Noise (1978-80)
 Washington Suburban Sanitary Commission, Committee on the Environment (1995-97)
 Washington Ethical Society, Board of Trustees (1989-91)
 Verona Environmental Commission (1972-75)
 Metropolitan Washington Council of Governments, Member Noise Technical Committee (1976-79)
 Montclair Society of Engineers (1972-77) Washington Society of Engineers (1980-85)
 Montgomery County Noise Control Advisory Board, (1980-89, 1999-), Member (2005-10), Chairperson (1984-6, 2004-2009), Vice Chairperson (1983-4), Secretary (1977-80)
 National Association of Noise Control Officials, Member (1978-80)
 National Science Foundation, Proposal Reviewer (1981-82)

Animal Rights

Exhibition Manager, Animal Rights 2000 (2000), Farm Animal Reform Movement (FARM),
 Volunteer: Fund for Animals, CARE, Poplar Spring Animal Sanctuary, Compassion over Killing, Letters to the Editor
 (Washington Post (5/06/00), NY Times Magazine (8/20/00), Forbes (11/20/00), The Guardian (08/02/01)

Co-founder and Treasurer, Compassion for Animals, Inc., a 501c(3) non-profit (2008-2009), Acting Treasurer (2009-)

Youth Activities

American Youth Hostels, Board of Directors (1966-69)

Big Brothers (1970-2)

Feminist Activities

New Directions for Women, Book Reviewer and Author (1972-75)

National Women's Symphony, Officer & Member, Board of Directors (1989-93)

OSHA Federal Women's Program Advisory Committee, Member (1980-81)

PROFESSIONAL ACTIVITIES

Books- Edited two books: for ASME and for ASTM, coauthored book for NIST

Articles- Over 45 articles and papers published by: AIAA, INCE, NIOSH, Mechanical Engineering, Shock & Vibration Digest, Airport Noise Report, and others.

Papers- Over 85 papers presented at sessions sponsored by: AMCA, ASHRAE, IES, INCE, ASA, EPA, HCA, AES, AIHA, among others.

Book Reviews- Over 100 reviews in: Chemical Engineering, J. Environmental Sciences, Shock & Vibration Digest, J. Acoustical Society of America, Noise Control Engineering J., and Library Journal.

Conference Chairperson and Organizer- Environmental Noise Symposium for ASTM

Session Chairperson and Organizer- Over 32 sessions chaired and organized for ASME, INCE, ASA, SAE, IMAC

SPECIFICS ON EXPERIENCE

Scantek Inc. 1985-1995, 1998- 2012

As President, responsible for start-up and operation of subsidiary of Norwegian instrumentation firm. Responsible first for the USA, eventually expanding to Canada and South America. This involved areas of purchasing, recruitment, hiring, negotiating contracts with representatives, GSA schedule procurement experience, advertising, marketing, seminars, instrumentation demonstrations, technical support, developing product releases, trade shows, and setting up a service center. Developed policies, wrote contracts, obtained government contracts. Negotiated exclusive contract with RION Trading, Ltd., a Japanese instrumentation manufacturer, Castle Group Instruments, a UK instrument manufacturer, RTA Technology, an Australian software/hardware developer, BSWA, a Chinese Microphone manufacturer, and DataKustik, a German software developer. developed calibration laboratory to become accredited by NIST/NVLAP for acoustical and vibration measuring and analyzing instrumentation. Company sales in 1985: less than \$20,000, in 2008, over \$2.3 M. Staff now of 10 persons.

Larson Davis Laboratories, Inc. 1995- 1998

As Eastern Regional Manager, responsible for technical support of approximately 20 representatives in the Eastern USA, Canada, Israel, and Puerto Rico. Represent company on all acoustical and vibration standards writing bodies. Propose marketing strategies for worldwide sales efforts.

Industrial Acoustics Co. 1995

As Vice-President, Market Development, responsible for corporate marketing, market development, technical support for the architectural, special products, medical, industrial, and air-conditioning groups. Main target audiences were acoustical consultants, musical studios and practice rooms, correctional facilities, and test-room users.

Brüel and Kjør Instruments 1982-1985

As Head, Acoustics and Environmental Marketing Groups in Corporate office, responsible for all analyzers and meters dealing with acoustics. As Applications Engineer, became knowledgeable in all aspects of theory and applications of acoustical instrumentation.

Taught over 100 seminars to audiences ranging from 10 to 80 in the areas of: acoustic intensity, noise control, vibrations, acoustics, and machinery monitoring.

National Park Service 1980-1981

As Acting Chief, Division of Safety Management, responsible for a professional office staff of six and a professional field staff of about 15 managers/specialists, was handling entire National Park system. Taught safety seminars, developed safety management procedures, and handled budget of several million dollars.

Occupational Safety and Health Administration 1979-1980

As Sr. Scientist, responsible for all engineering noise control provisions of new amendment to 29 CFR 1910.95.

Pennsylvania State University 1987- 2001

Montgomery College 1989-1990

McMaster University 1969-1972

For the three above: Taught seminars and classes in: vibrations, mathematical elasticity, machine design, dynamics and statics, stress analysis. continuum mechanics.

Taught the following undergraduate courses:

Statics, Dynamics, Graphics, Vibrations, Machine Design, Stress Analysis

Taught the following graduate courses:

Elasticity, Continuum Mechanics, Vibrations

Taught the following seminars:

Basic Acoustics, Intermediate Acoustics, Architectural Acoustics, Noise Control, Calibration of Microphones, Acoustic Intensity, Machine Diagnostics and, Health Monitoring, Vibrations, Instrumentation, Safety and Health Management, HVAC Noise and Vibration Control

Montgomery County Government 1976-1977

As County Noise Control Engineer, had full administrative and technical responsibility for suburban/urban/rural environment. Developed abatement plans, designed noise control for industrial spaces, made community noise surveys, developed noise codes, and helped with architectural design in acoustics.

Consulting Experience

Richard J. Peppin, PE 2013- present

Scantek, Inc. 1985- present

National Institute for Standards and Technology 1982- present

American Association for Laboratory Accreditation 1992- present

Richard J. Peppin, P.E. 1975-present

White Mountain Research 1975-present

Jack Faucett Associates 1977-1979

Science Applications 1975-1976

Kodaras Acoustical Laboratories 1973-1975

Engineering Science 1973

Donley Miller & Nowikas 1972-1973

Acoustical consultant in the areas of industrial noise control, community noise measurement and analysis, building and auditorium acoustics, transportation noise, and noise measurement techniques including Acoustic Intensity.

List of clients include: National Institute of Standards and Technology, Battelle Memorial Institute, State of Maryland, Town of Cedar Grove, City of Falls Church, Buffalo Forge, Burgess Manning, BASF, Industrial Acoustics Co., American Institute of Architects, Air Conditioning & Refrigeration Institute, Homasote, and others representing heavy industry, architects, attorneys, schools, communities, and commercial firms.

One of four NIST laboratory assessors in Acoustics. Made more than 100 assessments at acoustical labs throughout the world.

Pratt & Whitney Aircraft 1967-1969

As Sr. Structural Engineer, developed many major finite element computational elements for structures (St. Venant torsion, plane stress/strain) and heat transfer programs in the early stages of the technique.

Developed theory for squeeze film damper bearings now used in P&WA aircraft gas turbine engines.

Bendix Corp. Eclipse Pioneer Div. 1965-1966

As Junior Engineer, developed finite difference computer program for the heat transfer analysis of the stable platform guidance system of the Apollo spacecraft. Both steady state and transient theoretical analysis using forced convection, conduction, and radiation.

SYMPOSIUM CHAIRPERSON AND ORGANIZER

"The State of the Art in Community Noise: Criteria, Measurement and Description," ASTM Symposium, Kansas City, May 1978

SESSION CHAIR, CO-CHAIR, OR ORGANIZER

- "Transportation Systems Safety," ASME Winter Annual Meeting, Atlanta, 1977
- "Industrial Noise," ASME Winter Annual Meeting, Houston, 1975
- "Technology and Society," ASME Winter Annual Meeting, Houston, 1975
- "Nuclear Safety Impact," ASME Winter Annual Meeting, Atlanta, 1977
- "Designing Noise out of Products," ASME Winter Annual Meeting, Atlanta, 1977
- "Industrial Noise," ASME Winter Annual Meeting, Atlanta, 1977
- "Industrial Noise," Inter-Noise'78, San Francisco, 1978
- "Nuclear Maintenance Safety and Control," ASME Winter Annual Meeting, San Francisco, 1978
- "Transportation Noise," ASME Winter Annual Meeting, San Francisco, 1978

- "Industrial Noise Control," ASME Winter Annual Meeting, New York, 1979
- "Health and Safety in the Textile Industry," ASME Textile Engineering Conference, Raleigh, 1980
- "Instrument Calibration and Certification," Institute of Noise Control Engineering, InterNoise'80, Miami, 1980
- "Analytical Methods in Occupational Safety and Health," ASME Winter Annual Meeting, Washington, 1981
- "Technology and Society" (six sessions), ASME Winter Annual Meeting, Washington, 1981
- "On the Proper Way to Measure Industrial Noise," Institute of Noise Control Engineering, InterNoise'82, San Francisco, 1982
- "Laboratory Accreditation," 108th Meeting of the Acoustical Society of America, Minneapolis, 1984
- "Sound Intensity Standards," Institute of Noise Control Engineering, InterNoise'84, Honolulu, 1984
- "Computer Aided Testing," Institute of Noise Control Engineering, NoiseCon'85, Columbus, 1985
- "Modal Analysis: Experimental Case Histories," International Modal Analysis Conference, Los Angeles, 1986
- "Noise Control for Electronic Packaging," ASME Winter Annual Meeting, Anaheim, 1986
- "Sound Intensity to Measure Sound Power," 112th Meeting of the Acoustical Society of America, Anaheim, 1986
- "Interior Noise in High Speed Aircraft," 115th Meeting of the Acoustical Society of America, Seattle, 1988
- "Problems of Sound Transmission and Privacy in Buildings," North Carolina Regional Chapter of the Acoustical Society of America, Charlotte, Spring 1988
- "Development of Design Information: Acoustical Measurements," NoiseCon-88, W. Lafayette, IN, June, 1988
- "Sound Power from Sound Intensity," InterNoise'89, Newport Beach, CA, Nov. 1989
- "Reverberation and Ray Tracing in Enclosures," InterNoise-92, Toronto, ON, Jul. 1992
- "Architectural Acoustics: Spaces for Music Performance," The Wallace Clement Sabine Centennial Symposium, Cambridge, MA Jun, 1994
- "In-house Noise Control Programs and Education," InterNoise-95, Newport Beach, CA Jul, 1995
- "Low-frequency Noise," InterNoise-96, Liverpool, UK, Jul, 1996
- "Measurement Techniques," Institute of Noise Control Engineering, NoiseCon'96, Seattle, 1996
- "Cooling Tower Noise and Vibration," ASHRAE Summer meeting, Minneapolis, 2000

PUBLICATIONS AND PRESENTATIONS

Books

- R.J. Peppin, C.W. Rodman, B.H. Manns, eds. Measurements for Industrial Noise Control, American Society of Mechanical Engineers, New York, 1979
- R.J. Peppin, C.W. Rodman, eds. Community Noise: STP 692, American Society for Testing and Materials, Philadelphia, 352pp, 1979
- P.R. Martin, R.J. Peppin, Acoustical Testing Services, NIST Handbook 150-8, U.S. Department of Commerce, 1994

Articles and Public Reports

- "A Finite Element Solution for St. Venant Bending," AIAA J, 9(3):525-7, Mar, 1971
- "Solid Waste Study for the City of Hamilton," Report by Clear Hamilton of Pollution, 1972
- "Noise Control and the New York City Building Code: Exterior Mechanical Equipment Compliance," Noisexpo'76 Proceedings, pp. 55-8
- "An Alternate Method for the Calculation of Population Impact due to the Noise from Construction Sites," Proceedings of the 1977 Environmental Technology Conference, pp. 60-6, April, 1977
- "Acoustical Test and Analysis Program for Tractors (Loaders and Dozers), U.S. Army MERADCOM Report 2205, Dec, 1977
- "Community Noise Complaints: Correlation with Population Density," INVITED, InterNoise'78 Proceedings, W. Lang, ed., pp. 591-6, May, 1978
- "Noise and Society: The Sociotechnical Point of View," Mechanical Engineering, 100(3), p.71, Mar, 1978
- "Evaluating the Effectiveness of Community Noise Programs," Noisexpo'78 Proceedings, pp. 128-31, July, 1978
- "On the Primadonna Factor for the Number 9," J. Irreproducible Results, 24(1), pp. 9-10, 1978
- "Research Needs Report: Environmental and Conservation Research," co-editor, American Society of Mechanical Engineers, New York, 1979
- "Concrete Block Making Machines: OSHA Noise Problems," Industrial Noise Control Manual, NIOSH Publication No. 79-117, pp. 193-203, 1979
- "A Suggested Study of the Effects of Noise on Outdoor Living," Noisexpo'79 Proceedings, May, 1979
- "Can Biorhythm Cycles Predict Accidents," ASME Paper 80-C2 DET/SAF1, August, 1980
- "The Prediction of Earthquakes," Mechanical Engineering, 103(2), p.71, Feb, 1981
- "The Scientific Basis for Safety and Health Regulations," Mechanical Engineering, p.85 September, 1982
- "One Case for Governmental Regulation," Technology and Society Newsletter, 1984 Issue, American Society of Mechanical Engineers, New York

- "Industrial Noise Control: The Past Three Years," Shock and Vibration Digest, 15(7), pp. 3-14, July, 1983
- "APS Council resolution on nuclear war, letter in Physics Today, Sept 1983 pp11-13
- "Acoustical Laboratory Accreditation," Proceedings of the Institute of Environmental Sciences, May, 1984, pp. 368-74
- "The Acoustical Laboratory Accreditation Program of the United States," Proceedings Federated Acoustical Societies of Europe 1984 Meeting, Sandfjord, Norway, pp139-42, August, 1984
- "Selected Standards Available in English in the Areas of Acoustics, Vibrations, Human Environment," Brüel and Kjaer Instruments, Inc. Naerum Offset, January, 1986
- "Statistical Noise Analysis of Community Noise," Proceedings of NoiseCon'87, State College, PA, 1987
- "Controlling the Shape of an Acoustic Spectrum Automatically by the Use of a Bus-Controlled Spectrum Shaper and Real-Time Analyzer," 1988 Proceedings, Annual Technical Meeting of the Institute of Environmental Sciences.
- "Sound Power of Reference Sources in Various Environments," Proceedings NoiseCon-88, W. Lafayette, IN, June 1988
- "Detection of Sound by the Simultaneous use of Different Time Constants," Proceedings NoiseCon-88, W. Lafayette, IN, June 1988
- "The non-candidate of your choice," Letter in Mechanical Engineering, 110(4), April 1988
- "Impedance Tube Measurements: A Round robin Comparison," Proceedings InterNoise'89, Newport Beach, CA Nov. 1989
- "Noise Measurements and Descriptors," Airport Noise Report, Dec. 25, 1989, p.243
- "On Nose Ratings: A discussion concerning their development, usefulness, and measurements," Proceedings NoseCon'90, Austin, TX, Oct., 1990
- "Bias and Standards for Noise Measurement," Airport Noise Report, Dec. 25, 1990
- "Measuring and rating building components for sound," Science and Technology of Building Seals, Sealants, Glazing, and Waterproofing-Fourth Volume, ASTM STP 1243, David H. Nicastro, Ed. American Society for Testing and Materials, Philadelphia, 1994
- "The Ethics of Animal Testing," ASTM Standardization News, (23)2, Feb 1995, p.8 (Letters to the Editor)
- "On some contemporary topics in noise control," Memoria, IV Congreso Nacional de Acustica, Sociedad Mexicana de Acústica, AC, Sept., 1995
- "High NRC Commentary," letter in The Wall Journal, (22) Mar/Apr 1996, p. 19
- "Measuring HVAC Noise," Plant Services, April 1996, pp119-122
- "On some issues in acoustics," Proceedings, Nordic Acoustical Meeting, The Acoustical Society of Finland, Helsinki, 14-14 June, 1996, pp. 227-34
- "Too Much of a Good Thing," Editorial in Sound and Vibration, May, 1996, pp. 5-6
- "Microphones: Theory and Practice," Proceedings, InterNoise-96, Liverpool, July, 1996, pp. 2577-80
- "The Acoustical Testing of Thermally Insulated Exterior Building Elements," Insulation Materials: Testing and Applications: Third Volume, ASTM STP 1320, R.S. Graves and R.R. Zarr, Eds., American Society for Testing and Materials, West Conshohocken, PA, 1997
- "The ASHRAE Handbook Chapter on Noise and Vibration Control: A critical review," Proceedings of Noise-Con 97, State College, PA June, 1997, pp253-6
- "Room Noise Criteria: A status report," Proceedings of Noise-Con 97, State College, PA June, 1997, pp285-288
- "Directions for 1997," President's Column, Noise News International, June 1997 p.68
- "On calibrated measuring microphones and their use in ordinary sound fields," INVITED, Proceedings of the ASME Noise Control & Acoustics Division, NCA Vol 24, 1997 ASME International Mechanical Engineering Congress and Exposition, pp. 98-91
- "Acoustical standards and reality," President's Column, Noise News International, Dec 1997 p.196
- "Government Regulation and Human Action," Editorial in Sound and Vibration, Feb., 1998, p.5
- "Random thoughts on acoustics and life," The Wall Journal, (34) Mar/Apr 1998 p.7
- "Accreditation and certification," Editorial in Sound and Vibration, Jul., 1998, p.5
- "On the use of calibrated microphones in ordinary sound fields," Proceedings, 5th Mexican Congress on Acoustics, Querétaro, Mexico, Sep 1998, pp.29-33
- "The evaluation of some temporal sampling strategies in community noise measurement," Proceedings Canadian Acoustics, v.26(3) September 1998, pp. 50-51
- "NVLAP acoustical testing services laboratory accreditation program proficiency testing round-July 1998: Hearing protectors," NVLAP Tech Brief, September, 1998
- "No more politics as usual," Editorial in Sound and Vibration, Oct, 1998 pp.5-6
- "Acoustical testing services laboratory accreditation program proficiency testing program-1998: Determination of sound power," NVLAP Tech Brief, December, 1998
- "Fast Determination of Vehicle Sound Level per ISO 5130," Proceedings of the 1999 Noise and Vibration Conference," Paper 1999011834 Society of Automotive Engineers, V. 3 pp. 1399-1404, 1999
- "Acoustical testing services laboratory accreditation program: proficiency testing program: Determination of sound absorption coefficient," NVLAP Tech Brief, September 28, 1999
- "Failures of Free Enterprise," Letters-to-the-Editor, ASTM Standardization News, November, 1999

- "NVLAP acoustical testing services laboratory accreditation program: proficiency testing program: ASTM E-90-97 Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions," NVLAP Tech Brief, January, 2000.
- "Fast Determination of Vehicle Sound Level per ISO 5130," Sound and Vibration, April, 2000 pp.8-16
- "Engineering Cruelty," Letters to the Editor, Mechanical Engineering, v124, No. 5, may 2002 p.6
- "Handheld Problem," Letters to the Editor, Mobile Computing & Communications, July 2002 p.8
- "Ethical Treatment of Animals in Research," J. Acoust. Soc. Am 113(1) Jan 2003 pp. 32-3
- "Windscreen Insertion Loss in Still Air," Canadian Acoustics 31(1) Mar 2003 pp25-31
- "What I don't Know," Editorial in Sound and Vibration, May 2003, pp5-6
- "NVLAP acoustical testing services laboratory accreditation program-Results of proficiency testing (Duct Silencers ASTM E-477) September 2003," NVLAP Tech Brief, September, 2003
- "Estimating community noise in a standard way: A discussion about and the status of ISO 9613," Canadian Acoustics 32(3), pp. 116-118, September 2004
- "Measuring with sound level meters: The real difference between Type 1 and Type 2" Canadian Acoustics 32(3), pp. 92-29, September 2004
- "Measuring Sound," ASHRAE Journal, January 2005, pp.4-8
- "Are there too many meetings in our field?" Guest editorial, NCAC Newsletter, pp. 4-6 Spring 2005.
- "Understanding Instrument Calibration," w/ M. Buzduga, Canadian Acoustics, V34. No. 1 March 2006 pp. 45-50
- "NVLAP Results of Proficiency testing program: ASTM E-1414-00a, Standard test method for Airborne Sound Attenuation between Rooms Sharing a Common Ceiling Plenum", NVLAP Tech Brief, NIST Gaithersburg, MD March 2007, 15pp
- "Noiseless" and safer back-up alarms," w/ H. P. Morgan, paper published, Proceedings, NoiseCon 2008, July 2008
- "Accurately Measuring Capacity Using Acoustics: Examples Including an IC Engine," w/ N. Abiko, Proceedings, NoiseCon 2008, July 2008
- "An Approach to reduce Environmental Noise: How Europe uses Noise Mapping and Action Planning," w/ W. Probst, in Noise Pollution: Impact and Mitigation, edited by M.V. Pillai, 147-155, The Icfia University Press, Hyderabad, India, 2009
- "ICC G2-2010 Guideline for Acoustics," co-Author, International Code Council, Washington, DC, 2010
- "A comparison of ISO 9613-2 and advanced calculation methods-predictions versus experimental results," w/ P. Economu, Canadian Acoustics, V40. No.3, September 2012, pp.54-5

Papers

- "Practical Aspects of Exterior Mechanical Equipment Compliance with the New York City Building Code," 89th Meeting of the Acoustical Society of America, Austin, April, 1975
- "Acoustical Enclosures as an Effective Means of Noise control: Four Case Histories," 90th Meeting of the Acoustical Society of America, San Francisco, Nov, 1975
- "The Effects of Traffic Mix, Volume, and Speed on Highway Noise Levels," 92nd Meeting of the Acoustical Society of America, San Diego, Nov, 1976
- "Truck Noise Emission Reductions and/or Roadside Barriers: The Effects of Each on Population Impact from Motor Vehicle Noise," 92nd Meeting of the Acoustical Society of America, San Diego, Nov, 1976
- "Noise Control: The State of the Art," INVITED, EPA/COG Workshop, College Park, Dec, 1976
- "The Results of an Extensive Acoustical Testing Program for Dozers and Loaders," INVITED, 93rd Meeting of the Acoustical Society of America, State College, June, 1977
- "A Community Noise Code I: Background," 93rd Meeting of the Acoustical Society of America, State College, June, 1977
- "A Community Noise Code II: Does it Work?" 93rd Meeting of the Acoustical Society of America, State College, June, 1977
- "The Response of People to Noise: An Analysis of a Local Government's Experience," 94th Meeting of the Acoustical Society of America, Miami Beach, Dec, 1977
- "Predicting the Noise from Stop-and-Go Traffic," 96th Meeting of the Acoustical Society of America, Honolulu, November, 1978
- "An Overview of the Effects of Noise on Outdoor Living," INVITED, 96th Meeting of the Acoustical Society of America, Honolulu, November, 1978
- "Local Enforcement Techniques: Cooperation vs. Citation, INVITED, Workshop on Community Noise Legislation and Enforcement, 96th Meeting of the Acoustical Society of America, Honolulu, November, 1978
- "Compatibility in Federal Community Noise Programs," 98th Meeting of the Acoustical Society of America, Salt Lake City, Dec, 1979
- "OSHA and the Noise Standard," 1979 Winter Annual Meeting of the American Society of Mechanical Engineers, New York, Nov, 1979
- "Noise Control for Non-engineers," INVITED, Annual Meeting of the Hearing Conservation Association, Arlington, Feb, 1980
- "Noise Control thru the Use of Architectural Controls and Building Codes," INVITED, EPA Land Use Planning Workshop, College Park, June, 1980

- "The Hazard is the Attraction: The Problems with Safety and Health in the Parks," 1981 Winter Annual Meeting of the American Society of Mechanical Engineers, Washington, Nov, 1981
- "Health and Safety in the Park Service," INVITED, Field Federal Safety and Health Council, Washington, Feb, 1982
- "Real-time Sound Intensity-A Digital Approach," Chesapeake Electronics Show, New Carrollton, MD, Oct, 1982
- "Acoustic Intensity: Theory and Measurement," INVITED, Washington DC Chapter of the Acoustical Society of America, April, 1983
- "A Standard Community Noise Measurement Procedure," INVITED, National Environmental Health Association, Norfolk, July, 1983
- "Acoustical Lab Accreditation: the Attributes of a Good Laboratory," North Carolina Chapter of the Acoustical Society of America, April, 1983
- "Advanced Techniques for Complex Analysis Using 2-Channel FFT Instruments, Chesapeake Electronics Show, New Carrollton, Oct, 1983
- "ASTM Community Noise Measurement Standard," North Carolina Chapter of the Acoustical Society of America, Oct, 1983
- "Sound Intensity," INVITED, National Capital Chapter of the Institute of Environmental Sciences, Mar, 1984
- "Acoustical Lab Accreditation," INVITED, Washington DC Chapter of the Acoustical Society of America, April, 1984
- "Using Sound Intensity to Determine Room Corrections," INVITED, 108th Meeting of the Acoustical Society of America, Minneapolis, Nov, 1984
- "An Introduction to Accreditation and Certification," INVITED, 108th Meeting of the Acoustical Society of America, Minneapolis, Nov, 1984
- "Sound Power Determination of Reference Sound Sources in Various Spaces by the use of Sound Intensity," North Carolina Chapter of the Acoustical Society of America, Mar, 1985
- "The Measurement of Sound and Surface Intensity," North Carolina Chapter of the Acoustical Society of America, Oct, 1985
- "Sound Intensity Measurements in the Air and on the Surface," 110th Meeting of the Acoustical Society of America, Nashville, Nov, 1985
- "An Ultrasonic Probe for Sound Intensity Measurements," INVITED, Chicago Chapter of the Acoustical Society of America, January, 1986
- "Sound Intensity Measurements to Solve Real World Problems," INVITED, North Carolina Chapter of the Acoustical Society of America, Charlotte, NC, April, 1986
- "Advanced Instrumentation for Acoustics and Vibration Analysis," InterNoise'86, Cambridge, MA, July 1986
- "Measuring Acoustic Absorption," INVITED, North Carolina Chapter of the Acoustical Society of America, Clemmons, NC, October, 1986
- "Applications of Acoustic Intensity Measurements," INVITED, Washington DC Chapter of the Acoustical Society of America, March, 1987
- "Newer Measures and Measurements for Room Acoustics," INVITED, North Carolina Chapter of the Acoustical Society of America, Raleigh, NC, March, 1987
- "Selecting the Right Instruments and Transducers for Vibration Measurements" and "Spectrum Analyzers: What They Can and Cannot Do," 1987 Short Course on Vibration Control, The Pennsylvania State University, October 1987, State College, PA
- "The case for product noise control: Foreign Markets," INVITED, North Carolina Chapter of the Acoustical Society of America, Raleigh, NC, Oct, 1987
- "Controlling the Shape of an Acoustic Spectrum Automatically in Various Spaces," 114th Meeting of the Acoustical Society of America, Miami, FL, November, 1987
- "Sound Intensity," INVITED, Beijing Institute of Labour Protection, Beijing, September 1987
- "Sound Power Determination for HVAC Systems," INVITED, Danville Chapter of American Society of Heating, Ventilating and Air conditioning Engineers, Danville, IL October, 1987
- "Instruments Suitable for In-flight Intensity Measurements," INVITED, SAE Committee A-21 on Aircraft Noise, Cambridge, MA April, 1987
- "Absorption and Transmission Loss Test Methods: Their use and problems," INVITED, North Carolina Chapter of The Acoustical Society of America, Charlotte, March, 1988
- "Controlling the Shape of an Acoustic Spectrum Automatically," 34th Annual Meeting of the Institute of Environmental Sciences, King of Prussia, PA, May 1988
- "Measurement of Sound by the Simultaneous use of Different Time Constants," 115th Meeting of the Acoustical Society of America, Seattle, WA, May, 1988
- "Sound Power of Reference Sources in Various Environments," INVITED, NoiseCon-88, W. Lafayette, IN, June 1988
- "Detection of Sound by the Simultaneous use of Different Time Constants," NoiseCon-88, W. Lafayette, IN, June 1988
- "Determining Sound Power of HVAC Sources from Sound Intensity: background, measurements, and case histories," INVITED, TC2.6 Symposium, ASHRAE Summer Meeting, Ottawa, June, 1988
- "Selecting the Right Instruments and Transducers for Vibration Measurements" and "Spectrum Analyzers: What They Can and Cannot Do," 1988 Short Course on Vibration Control, The Pennsylvania State University, October 1988, State College, PA

- "Measuring acoustic impedance: the results of a world-wide round robin," 116th Meeting of the Acoustical Society of America, Honolulu, November, 1988
- "Sound and Sound Power Determination for HVAC Systems," INVITED, ASHRAE Ozarks Chapter, January 1988, Springfield, MO
- "Sound Intensity: The New Technology for Noise Control," American Industrial Hygiene Conference, May, 1989
- "High Intensity Acoustic Testing for ESS," IES Environmental Testing and Production Screening Conference, June, 1989, Baltimore, MD
- "Noise Control and Acoustics," Short Course for Brooks Air Force Base, San Antonio, July, 1989
- "Impedance Tube Measurements: A round robin comparison," INVITED, InterNoise'89, Newport Beach, CA, Nov., 1989
- "Sound Intensity Standards: Putting theory into practice with a round robin," InterNoise'89, Newport Beach, CA, Nov., 1989
- "Measuring Sound in HVAC Systems," Lecture at the ASHRAE, NEBB, and MCA Short Course, Memphis, TN, Dec., 1989
- "Selecting the Right Instruments and Transducers for Vibration Measurements" and "Spectrum Analyzers: What They Can and Cannot Do," 1989 Short Course on Vibration Control, The Pennsylvania State University, October 1989, State College, PA
- "Sound Intensity" and "Selected topics for sound power measurement," INVITED, Air Movement and Control Association Engineering Conference, May, 1990, Rosemont, IL
- "Getting the Correct results from Vibration measurements," and "Selecting the Spectrum Analyzer You need," 1990 Short Course on Vibration Control, The Pennsylvania State University, October 1990, State College, PA
- "Instrumentation for Motor Vehicle Noise Measurement," Society of Automotive Engineers Brake Colloquium, Atlantic City, NJ, Oct., 1990
- "Measuring of Sound levels: a tutorial," Audio Engineering Society Paper # 3158 (F-1)se/f-1, Audio Engineering Society, New York, Oct 1991
- "Getting the Correct Results from Vibration Measurements," and "Selecting the Spectrum Analyzer You Need," 1991 Short Course on Vibration Control, The Pennsylvania State University, October 1991, State College, PA
- "Noise: Measurements and applications," INVITED Seminar before the Rank O'Connors Sales Organization, Singapore, Dec, 1991
- "Getting the Correct Results from Vibration Measurements," and "Selecting the Spectrum Analyzer You Need," 1992 Short Course on Vibration Control, The Pennsylvania State University, October 1992, State College, PA
- "Aspects of Noise Measuring & Rating in HVAC Systems" INVITED, National Environmental Balancing Bureau Recertification Seminar, March 1994, New Carrollton, MD
- "Deterministic Excitation Signals for Building Acoustics," INVITED, Audio Engineering Society, March 1995, Washington, DC
- "Workshop on Noise Measurements," INVITED, Two Workshops Sponsored by the National Hearing Conservation Association, March 23, 1995, Cincinnati, OH
- "Sound Intensity: Theory, standards, and applications for the determination of sound power and material properties," INVITED Air and Waste Management Association 88th Annual Meeting, San Antonio, TX, June, 1995
- "On some contemporary topics in noise control," INVITED Sociedad Mexicana de Acústica, AC, Sept., 1995
- "Making vibration measurements: transducers and instrumentation," INVITED lecture at the Polytechnic Institute of Mexico, Sept., 1995
- "Getting the Correct Results from Vibration Measurements," and "Selecting the Spectrum Analyzer You Need," 1995 Short Course on Vibration Control, The Pennsylvania State University, October 1995, State College, PA
- Testing, Measurement and Calculations for Noise Control," INVITED lecture at the Washington DC Regional Chapter of the Acoustical Society of America, January 1996, Wash. DC
- On Some Contemporary Topics in Noise Control," INVITED lecture at the Los Angeles Regional Chapter of the Acoustical Society of America, January 1996, Los Angeles, CA
- "Getting the Correct Results from Vibration Measurements," and "Selecting the Spectrum Analyzer You Need," 1996 Short Course on Vibration Control, The Pennsylvania State University, October 1996, State College, PA
- "Acoustical Instrumentation Calibration," Two INVITED seminars at National Hearing Conservation Association, February 1997, Orlando, FL
- "Architectural Acoustics for Dummies." INVITED guest lecture at U. Alabama, Dept. M.E., February 1997, Tuscaloosa, AL
- "Calibration Issues for Sound Measurement," INVITED talk before Chesapeake Chapter of the Institute of Environmental Sciences, April 1997, Ft. Meade, MD
- "The Acoustical Testing of Thermally Insulated Exterior Building Elements," ASTM Symposium on Insulation Materials, Quebec, PQ May, 1997
- "Environmental Noise Model," INVITED presentation at 90th Meeting of the Air and Waste Management Association, Toronto, ON, June, 1997
- "The European Machinery Directive & the US Standards Process," INVITED presentation at the Washington DC Chapter of the ASME, Wheaton, MD September, 1997
- "Getting the Correct Results from Vibration Measurements," and "Selecting the Spectrum Analyzer You Need," 1997 Short Course on Vibration Control, The Pennsylvania State University, October 1997, State College, PA

- "Calibration and use of measuring microphones," INVITED presentation at the 1997 Fall Meeting, North Carolina Chapter of the Acoustical Society of America, Asheboro, NC, October, 1997
- "On calibrated measuring microphones and their use in ordinary sound fields," INVITED Paper, International Mechanical Engineering Congress, ASME, Dallas, November 1997
- "Hot Topics in Acoustics: Room Criteria," INVITED presentation at Acoustical Society of America, San Diego, December, 1997
- "Room noise criteria," INVITED presentation at the 1998 Spring meeting, North Carolina Chapter of the Acoustical Society of America, Raleigh, NC, March, 1998
- "Maximum length sequence in room acoustics," INVITED presentation at the 1998 Fall Meeting, North Carolina Chapter of the Acoustical Society of America, Asheboro, NC, Oct, 1998
- "The role and future of the European Machinery Safety Directive," INVITED presentation at the 1999 Spring Meeting, North Carolina Chapter of the Acoustical Society of America, Raleigh, NC, April, 1999
- "Silencers: Misnomers and Misapplications," ASHRAE Summer Meeting, Seattle, June, 1999
- "On Temporal Sampling Strategy in Community Noise Measurement, Transportation Research Board A1Fo4 Committee 1999 Summer Meeting, San Diego, CA Aug. 1999
- "Uncertainty in sound power determination and implications for power plant acoustics," INVITED paper, InterNoise 2000, Nice, FR Aug 2000
- "On HVAC duct acoustical end reflection," Presentation at NoiseCon 2000/Acoustical Society of America, Newport Beach, CA, Dec. 2000, (Coauthored.)
- "On sound power determination: The uncertainty of sound power in a reverberation room based on a round-robin," INVITED presentation at NoiseCon 2000/Acoustical Society of America, Newport Beach, CA, Dec. 2000.
- "Standards in acoustics of the American Society of Heating, Refrigeration, and Air-conditioning Engineers (ASHRAE),
"Presentation at NoiseCon 2000/Acoustical Society of America, Newport Beach, CA, Dec. 2000,
- "Thirty-five years of acoustical instrumentation," INVITED presentation at the 2001 Spring meeting, North Carolina Chapter of the Acoustical Society of America, Raleigh, NC, March, April, 2001
- "Vibrations and Acoustics: Uses for manufacturing Engineers," INVITED presentation at the October Joint Technical program, SME, ASME, IIE, Annandale, VA, October 23, 2001
- "Measurement of sound absorption and sound reflection in-situ," Annual meeting of the Transportation Research Board, Washington, DC Jan 17, 2002
- "Insertion loss of microphone windscreens," INVITED presentation at the 2002 Spring Meeting, North Carolina Chapter of the Acoustical Society of America, Raleigh, NC, April, 2002
- "On windscreen insertion loss," presentation at the Acoustical Society of America, Pittsburgh, PA, June 2002
- "Field testing v. laboratory results: do they correlate?" INVITED paper at the "Evaluating Exterior Noise rating Systems for Buildings" symposium of the Building Environment and Thermal Envelope Council (BETEC), Washington, DC, June 2002
- "On Windscreen Insertion Loss in Still Air," presentation at the Transportation Research Board, Committee A1F04 on Transportation-Related Noise and Vibration Summer Meeting, Austin, TX July 2002
- "Windscreen Insertion Loss in Still Air," paper at the Canadian Acoustical Association, Charlottetown, PEI, October 2002
- "Guide to the ASHRAE Handbook," INVITED paper at the North Carolina Chapter of the Acoustical Society of America, Raleigh, NC, November 2002
- "A round-robin test of HVAC silencers by various labs," paper at the North Carolina Chapter of the Acoustical Society of America, Greensboro, NC, April 2003
- "Everything you wanted to know about noise measurement," INVITED presentation before the Maryland Noise Advisory Council, June 2003
- "Measuring with Sound level Meters: the real difference between Type 1 and Type 2," Paper at the Summer Annual Meeting of the Committee A1F04 on Transportation Related Noise and Vibration of the National Research Council, Scottsdale, AZ, July 2003
- "Microphone Characteristics and their Calibration," Paper at the Summer Annual Meeting of the Committee A1F04 on Transportation Related Noise and Vibration of the National Research Council, Scottsdale, AZ, July 2003
- "The sounds of a murder," INVITED presentation at the Acoustical Society of America, Austin, TX October 2003
- "Technology Issues in Developing a Noise Abatement Policy," R.J. Peppin, Invited presentation Foro para el Desarrollo de un Plan Integrado Contra Ruidos, San Juan, February 11, 2004
- "Current Trends in Metrics and Equipment used to Collect and Analyze Sound Level Data," R.J. Peppin, Invited paper and presentation at Air and Waste Management Association Annual Conference, June 22-25, Indianapolis
- "The Sounds of a Murder- a Case History of Forensic Acoustics," R.J. Peppin, Invited presentation, Washington DC Chapter of the ASA, April 7, 2004
- "A Primer on sound and measurement," Invited lecture at Testing, Adjusting, and Balancing Bureau (TABB), Las Vegas, May 8, 2004
- "How to Measure Indoor and Outdoor Sound Levels," R. J. Peppin, HPAC Engineering (to be published)
- "The role of standards in noise," R.J. Peppin, Invited paper, Acoustical Society of America, May 24-28, 2004, New York City

- "Evaluating Sound Absorption in Situ Using "Adrienne," w/ R. L. Wayson, NoiseCon2004 and Transportation Research Board A1F04 Summer Meeting and Exposition, Baltimore, July 12-14, 2004
- "Speech Transmission Index- Public Address (STIPA): Objective Assessment of Intelligibility," w/ Ole-Herman Bjor, NoiseCon 2004 and Transportation Research Board A1F04 Summer Meeting and Exposition, Baltimore, July 12-14, 2004
- "Measuring with Sound Level Meters: The real difference between Type 1 and Type 2," Canadian Acoustical Association, Ottawa, ON, October, 2004
- "Estimating community noise in a standard way: A discussion about and the status of ISO 9613-2," Canadian Acoustical Association, Ottawa, October, 2004
- "A Primer on Sound and its Measurement," INVITED technical seminar at ASHRAE Iowa Chapter, Des Moines, IA March 2005
- "Computer Supported Prediction of Noise and Air Pollution," w/ W. Probst, Spring Conference on Environmental and Occupational Noise, Banff, AB, May, 2005
- "Uncertainties in Measurement and Estimation and Their Effects in Community Noise," Spring Conference on Environmental and Occupational Noise, Banff, AB, May, 2005
- "Sound and Vibration," A nine-hour seminar for 90 persons, presented at Testing, Adjusting, and Balancing Bureau Yearly Conference, May 2005
- "Acoustics and Instrumentation," Short course for Hillsborough County Environmental Protection, Hillsborough, FL, June 2005
- "Uncertainty in measurements," Transportation Research Board ADC40 Summer Meeting, Seattle, WA, July 2005
- "Carroll County Maryland Noise Ordinance and its Measurement, A INVITED, Carroll County Dept. of Environment, Westminster, MD, September, 2005
- "Noise Standards, A Workshop on Technology for a Quieter America, National Academy of Engineering, Washington, DC September, 2005
- "Understanding Instrument Calibration," (w/ M. Buzduga), Canadian Acoustical Association, London, ON, October 2005
- "Charles County Maryland Noise Ordinance and its Measurement, INVITED, Charles County Health Dept., La Plata, MD, November 2005
- "City of Fruitland Maryland Noise Ordinance and its Measurement," INVITED, Fruitland Police Department, Fruitland, MD, December, 2005
- "Impact Isolation Class and Building Acoustics," Seminar for Bostik, Inc. Willow Grove, PA November, 2005
- "Elements of Noise and Building Acoustics," Seminar for Homasote, Orlando, FL January, 2006
- "Uncertainties in acoustical measurement and estimation," North Carolina Chapter of the Acoustical Society of America, Raleigh, April, 2006
- "An aircraft counting system using Type2 sound level meter and computer program," TRB ADC40 Summer Annual Meeting, Williamsburg, VA, July, 2006 (w/ M. Buzduga, J. Giandomenico)
- "The Difference between Type I and Type II Measuring Instruments," North Carolina Chapter, Acoustical Society of America, Raleigh, March 2007
- "An Approach To Reduce Environmental Noise: -How Europe Uses Noise Mapping and Action Planning," Spring Environmental and Occupational Noise Conference, Banff, AB, May 2007 (w/ W. Probst)
- "Community Noise Mapping and Action Planning- a European Approach to Reduce Environmental Noise," Presented at 2007 TRB ADC-40 Noise and Vibration Summer Meeting, San Luis Obispo, CA, July, 2007(w/ W. Probst)
- "A Standard Way of Measuring Rainfall Noise Isolation," INVITED presentation at the 154th meeting of the Acoustical Society of America, New Orleans, LA, Nov.2007 (w/R. Coffeen)
- "Noise Impacts of Landfills and Surface Mines Turned into Landfills," paper presented at 101st Annual Conference of the Air and Waste Management Association, Portland, OR, June 2008
- "A Portable Aircraft Counter Based on Sound Levels," paper presented at 101st Annual Conference of the Air and Waste Management Association, Portland, OR, June 2008
- "A Way to Measure Aircraft Noise, to Discriminate Among Ground and Air Sources, and to Identify Wind Generated Noise," paper presented at the Transportation Research Board's ADC-40 Summer Meeting, Key West, FL, July, 2008.
- "Measuring the Volume Displacement of Engines Using Acoustics," paper presented at NoiseCon 2008, Dearborn, MI, July 2008
- "Noiseless and Safer Back-up Alarms," paper presented at NoiseCon 2008, Dearborn, MI, July 2008
- "Measuring capacity with acoustics," Paper presented at NC Chapter of Acoustical Society of America, Raleigh, NC September 2008
- "The fire code and speech intelligibility," Presentation at Acoustical Society of America, Miami, FL, November 2008
- "A Way to Measure Community Noise in a Complex Acoustical Environment," Presentation at Transportation Research Board Committee ADC40, Dayton, OH, July, 2009
- "Uncertainty in Noise measurement and Estimation," INVITED paper presented at International Workshop on Environmental Nuisances, Calgary, December, 2009
- "A Way to Measure Aircraft Noise and the Location of the Aircraft, Simultaneously," INVITED Presentation at North Carolina Chapter of the Acoustical Society of America, Raleigh, March, 2010

- "Uncertainties in measurements and predictions," paper submitted to at Air and Waste Management Association, Calgary, AB, June, 2010
- "The effect of absorptive barriers on highway noise," paper presented at TRB ADC40 Committee meeting, Denver, CO July, 2010
- "Basics of acoustics for test and balance professionals," INVITED lecture before Associated Air Balance Council, Annual Meeting, San Diego, October 2011
- "Noise source location in complex areas using acoustical arrays," paper presented (With M.E. Moore) at the Pacific Northwest International Section of AWMA, Harrison Hot Springs, OR, Nov. 2011
- "A comparison of sound propagation approaches: ISO 9613 v. an advanced calculation method- Predictions versus experimental results," co-authored paper presented at NC Chapter of Acoustical Society of America, Greensboro, NC May 2012
- "Noise Monitoring and Source Identification at Motorsport Circuits," co-authored paper presented at NC Chapter of Acoustical Society of America, Greensboro, NC May 2012
- "Uncertainties in measuring HVAC noise," INVITED paper presented at 2012 ASHRAE Annual Meeting, San Antonio, TX, June 2012
- "Noise source location in complex areas using acoustical arrays," paper presented (With M.E. Moore) at the Pacific Northwest International Section of AWMA, Harrison Hot Springs, OR, Nov. 2011
- "On Some Discussions about the Make-up and Use of Acoustic Arrays," (With M.E. Moore) paper presented at TRB ADC40 Committee meeting, Asheville, NC, July 2012
- "On the make-up and application of acoustic arrays," paper presented (With M.E. Moore) at the Canadian Acoustical Association Fall meeting, Banff, AB, October 2012

Book Reviews

- Journal of the Acoustical Society of America 20 Reviews (1976- present)
- Chemical Engineering 7 Reviews (1975- present)
- Shock and Vibration Digest 17 Reviews (1978- present)
- Journal of the Environmental Sciences 29 Reviews (1977- present)
- Noise Control Engineering Journal 25 Reviews (1980- present)
- Library Journal 23 Reviews (1973-8)
- International Journal of Acoustics and Vibration 5 Reviews (2003- present)