

Curriculum Vitae of Scott Walker Smith

Ballentine Walker Smith Inc. Atlanta GA

President and Principle Acoustician - 1996 thru present - Responsibilities include supervision over all corporate and project operations. Ballentine Walker Smith (BWS) is an engineering and consulting firm specializing in noise control, architectural acoustics, industrial acoustics, and environmental acoustics. Project work includes design, specification, documentation, assessment, surveys, data analysis, project management, and analytical reporting in all of the disciplines mentioned above. BWS is among an elite group to own and use ASTM certified equipment to accurately assess code compliance for noise and vibration transmission. BWS often provides expert testimony in environmental noise studies relating to community ordinances, OSHA requirements, and federal regulations and has design expertise in modeling industrial sites and transportation noise sources to meet all of these requirements.

J.R. Ballentine & Associates, Inc. Atlanta GA

Associate - 1992 thru 1995 - Served as the principle environmental, architectural and industrial field engineer for this prestigious firm. Project responsibilities included architectural acoustic, industrial acoustic, and environmental acoustic designs and assessments. Further responsibilities included development of proprietary modeling software for evaluation of acoustic designs and a computer interface for data acquisition from field recorders.

Freelance Consultant Atlanta GA

1989 thru 1991 - Provided sound reinforcement system design and integration for corporate functions. Primary responsibilities included equipment selection, setup, and integration for live audiovisual presentations in corporate convention settings. During this time, provided electronic board assembly for a custom loudspeaker project directed by Dr. Eugene Patronis (Physics Department, Georgia Institute of Technology).

Georgia Institute of Technology Atlanta GA

1987 - Bachelor of Science in Applied Physics

1989 - Master of Science in Physics

1994 - Bachelor in Electrical Engineering with High Honor

1995 - Multidisciplinary Program Certificate in Acoustical Engineering

Graduate Laboratory Instructor - 1987 thru 1989 - Performed while completing graduate work, these responsibilities included maintaining electronics laboratory and supervising undergraduate lab work including administering laboratory assignments, tests, and grading. The laboratory was in the Physics Department and was under Dr. Charles Braden.

Projects of Interest

Hartsfield-Jackson Atlanta International Airport Concourse 'E' and Atrium, Atlanta, Georgia
Grande Lakes Resort & Convention Center, Orlando, Florida
Olympic Drug Testing Facility @ SmithKline Beecham, Tucker, Georgia
CSX Train Vibration Assessment For NBC Studios, World Congress Center, Atlanta, Georgia
GE Turbines Test Stands 3, 4 & 8, Greenville, SC
IRS Customer Service Center, Tucker, Georgia
Hard Rock Hotel, Universal Studios, Orlando, Florida
Hewlett-Packard Building, Atlanta, Georgia
JP Tours Rehearsal Hall & Dance Studios (USHER), Tucker, Georgia
Boca Raton Hotel & Resort, Boca Raton, Florida
Panasonic Car Audio Division Critical Listening Room, Peachtree City, Georgia
Westin Hotel & Conference Center Light Rail Vibration Surveys, Charlotte, NC
Keesler AFB Flight Simulator Facility, Biloxi, Mississippi
CBS Atlanta Channel 46 'Clear News' Television Studio, Atlanta, Georgia
Cobb County Convention Center, Atlanta, Georgia
R!OT Audio / Video Post Production Studio, Atlanta, Georgia
Albany Courthouse, Albany, Georgia
Richard Russell Bankruptcy Courts, Atlanta, Georgia
Westwood Baptist Church, Alabaster, Alabama

Publications and Presentations

"HVAC Noise Control Design", Presented with John R. Ballentine to
Lockwood Greene Engineers, Atlanta, Georgia, September 1996.
"Acoustical Design of Worship Spaces", Presented to Facility Conference,
Georgia Baptist Convention, Atlanta, Georgia, May 1997.
"Acoustical Design in Architecture", Lunch & Learn Presentation -
Foreman Seeley Fountain Architects, 2003 , Turner Batson Architects, 2005
"Acoustical Consulting: An Overview", (co-authored with John R. Ballentine),
Georgia Professional Engineers Magazine, August 1998.

Industry Activities

Voting Member of the American Society of Testing and Materials (ASTM)
Committee E- 33 on Environmental Acoustics.
Member of the Acoustical Society of America (ASA).
Member of the Audio Engineering Society (AES).
Member of the American Society of Heating, Refrigeration and
Air Conditioning Engineers (ASHRAE).
6th International Conference of the Audio Engineering Society on
Sound Reinforcement, Nashville, Tennessee, May 1988.
Theory & Design of High Performance Professional Loudspeakers Workshop,
Syn-Aud- Con, Nashville, Tennessee, June 1995.

Curriculum Vitae of Paul W. Peace, Jr.

Auditoria Inc. *Birmingham AL*

President and Chief Engineer - 2001 through present - Auditoria is a unique ensemble of engineers and craftsmen specializing in audio and video systems for all types of venues and applications. The company provides systems and venue consulting, product design and testing, and design/build services from home theater to large public arenas. Paul oversees all operations at Auditoria including an active role in all design functions.

Imax Corporation *Audio Division, Birmingham AL*

Director of Engineering - 2000 through 2001 - Responsibilities over Imax Theatre audio system development, worldwide. Staff included engineers, draftsmen, loudspeaker group, technical writers, and support staff. Facility responsibilities included engineering department, acoustical development lab, loudspeaker molding and prototype shop, and a training theatre.

Director, Systems Applications Group - 1998 through 2000 - Responsibilities over all sound system project execution including: engineering, documentation, fabrication, installation, and commissioning. Staff of twenty-seven included system engineers, draftsmen, installation technicians, loudspeaker group, and support staff.

Manager, Loudspeaker Group - 1997 through 1998 - A loudspeaker R&D group was formed within the company upon the arrival of the Auditoria team. A development lab and prototype shop was secured and outfitted. Work started immediately on a new IMAX loudspeaker and a line of cinema loudspeakers for multiplex stadium seating theaters.

Auditoria *Norman Park GA*

President and co-founder - 1994 through 1997 - Auditoria was a design/build systems integration firm serving the commercial market, specifically churches and other performance venues. In 2½ years: completed 57 projects, secured 70 dealerships, and developed a unique process of building custom loudspeakers to better suit clients' acoustical and aesthetic requirements. Imax Corporation acquired Auditoria in 1996.

Frazier Loudspeakers *Morrilton AR*

Senior Design Engineer - 1991 through 1994 - Responsibilities included product development, production engineering, technical support of sales, and factory quality control. Several new products were developed including the CAT 70 and VSE series.

Sonics Associates *Birmingham AL*

Project Engineer - 1988 through 1991 - Responsibilities included sound system design, project management, system commissioning and tuning for many high-profile projects.

Georgia Institute of Technology *Atlanta GA*

Bachelor of Science in Applied Physics - 1987 - Concentrated studies in acoustics and electrical engineering disciplines under Dr. Gene Patronis and Dr. Marshall Leach.

Audio and Video System Projects of interest

Royal Observatory Planetarium, National Maritime Museum, Greenwich UK 2007
Facility-wide video and production suite, Church of the Highlands, Birmingham 2007
Three venue simulcast systems, Hunter Street Baptist Church, Birmingham 2006
Spitz Space Domes Planetarium, Philadelphia PA 2006
Student Center Complex facility-wide AV, The Church at Brook Hills 2005
Telus Theater, National Museum of Science, Montreal 2005
UAB Bartow Arena, University of Alabama Birmingham 2005
Jemison Concert Hall, Alys Stephens Center, Birmingham 2004
Facility-wide systems, CrossPoint Baptist Church, Birmingham 2004
Worship Center, NorthPark Baptist Church, Trussville AL 2003
Back to the Future Attraction, Universal Studios Japan, Osaka 2000
Worship Center audio, The Church at Brook Hills, Birmingham AL 1998
Georgia Baptist Convention, The Galleria Centre, Atlanta GA 1997
Worship Center and Broadcast Suite, First Baptist Church, Newnan GA 1997
Worship Center, First Baptist Church, Tifton GA 1997
Georgia Baptist Convention, Georgia National Fairgrounds, Warner Robins GA 1996
Worship Center, First Baptist Church, Thomasville GA 1996
Georgia Baptist Convention, Savannah Civic Center, 1994 and 1990
Soldiers and Sailors Auditorium, Chattanooga TN 1990
Back to the Future Attraction, Universal Studios Florida, Orlando 1990
Dawson Memorial Baptist Church, Birmingham AL 1989
This is a partial list. Please inquire for others if interested.

Product Development Project List

Imax MPX loudspeaker (2003)
Sonus Labs SL1 proprietary loudspeaker utilizing asymmetric horns (2002)
Acoustic Artistry "Wakeblaster" wakeboard-tower marine loudspeaker (2002)
OAP Loudspeakers CH1-1000 "ceiling hugger" loudspeaker for small venues (2002)
Imax "Kanga" Grand Theatre Loudspeaker (2001)
THX-approval of S4-500 cinema screen loudspeaker (2000)
Sonics S4 stadium seating cinema loudspeakers (screen, subwoofer, and surround, 1999)
Imax Small Theatre loudspeaker (1998)
Frazier VSE L7 outdoor woofer system (1993)
Frazier CAT76 60x40 large format horn system (co-developer, 1992)

Imax Theater Project List

London Museum of Science, UK; Istanye Park, Istanbul; Mega Theaters, Hong Kong;
Polynesian Cultural Center, Oahu Hawaii; Museum of Victoria, Melbourne AU; American
Museum of Natural History, New York; Canadian Museum of Civilization, Ottawa;
Yong San Station, Seoul; CGV Theaters, Incheon City; Cinema City, Lodz Poland;
Universidad Theaters, Mexico City; The Famous Players Colossus, Toronto, Vancouver;
MegaBox Theaters, Torreon MX; Henry Ford Museum, Dearborn MI; Zeil Filmtheatre,
Frankfurt; Cinemex, Cuernavaca MX; World Golf Hall of Fame, Jacksonville FL;
Whitaker Center for Science and the Arts, Harrisburg PA; St Paul Museum of Science, MN;
3 Cinema Place, Adelaide AU; Museum Center at Union Terminal, Cincinnati; Museum of
Natural History, Denver; Palisades Center, Nyack NY; Saskatchewan Science Centre,
Regina SK; United States Air Force Museum, Dayton OH; Charleston IMAX Theatre, SC