

CURRICULUM VITAE

CHARLES BRUCE RICHMOND

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Birth Date: 1950 January 5
Citizenship: Canadian

AWARD: Distinguished Achievement in Sound Design,
U. S. Institute for Theatre Technology

MEMBERSHIPS: -Audio Engineering Society (full member since 1970)
-Fellow, U. S. Institute for Theatre Technology (1995)
-First Sound Designer member of Associated Designers of Canada (1991)

Through Richmond Sound Design Ltd:
-MIDI Manufacturers Association

LANGUAGES: -English, fluent
-German & French, conversational

OCCUPATIONS

1980-present -President & CEO: Champignon Holdings Ltd.
1971-present -Theatre Sound Designer & Consultant
-President & CEO: Richmond Sound Design Ltd.
1980-1999 -President & CEO: Panus Productions Ltd.
1971-9 -Audio Systems designer, Aragon/Can-Base/Mushroom
Studios (Vancouver)
1971 -Film Sound recordist, National Film Board
(Vancouver)
1969-72 -Resident Sound Designer, American Conservatory
Theatre (San Francisco)
1969 -Audio Engineer, Big Sur Folk & Monterey Jazz
Festivals (California)
1968 -Audio Engineer, Monterey Pop Festival (California)
1967 -Audio Technician, Monterey Jazz Festival
(California)
1965-7 -Sound Designer, Community Theatre, (Carmel,
California)
-Electronic technician, Meagher Electronics
(Monterey, California)
1962-5 -Self-employed, electronic repair (Monterey,
California)

EQUIPMENT/SOFTWARE DEVELOPMENT

2006 -SoundMan-Server virtual audio network software
1999 -E-Show Control network software
1998 -ShowMan show control software
1996-7 -AudioBox design specifications
1995 -DSM-16HO relay interface
1994 -MMC-16 automation controller
1993 -MIDIShowCD software

- 1992 -MTS-232 code translator
- 1991 -Stage Manager show control software
- 1990 -COMMAND/CUE CONCURRENT parade control software
- 1989 -Programmable equalizer module (DEQ-1)
- 1988 -Microprocessor-based DAP-8MP module
- 1987 -COMMAND/CUE PLUS software
- 1986 -COMMAND/CUE software & hardware
- 1985 -COMMAND/CUE 1024 software & programmable system modules
- 1984 -DCA-8 prototype/system concept
- 1983 -816-Q; APA-128/248/368
- 1982 -APA-120/240/400
- 1981 -48 channel/40 track recording console for Mushroom Studios
- M4-1, A4-4 courtroom recording systems
- 1979 -PLM-4, matrix, & custom courtroom PA & sound systems
- 1978 -ADA-6, GEQ-14, VBP-3 for Bolt Beranek & Newman (Chicago)
- 1977 -M82-I, M82-A
- M82BX for American Broadcasting Corp. (Hollywood)
- 1976 -VCA-3/4 voltage controlled mixer/amplifier
- M82-II, M82B, M82-C
- 1975 -QPM for Purdue University (Indiana)
- 1974 -816, M82
- 1973 -Model 124 for Capilano College (North Vancouver)
- Visual Cueing System & Model 88 for USSR & Australia tours of the Stratford Festival (Ontario)
- 1972 -Graphic equalizers for Aragon Studios
- Monitor panel for Creative House studio (Vancouver)
- Model 1224 for Stratford Festival
- 1971 -Recording console for Aragon Studios
- 1970 -Remote controlled pinball machine, radio controlled lantern, and theatre sound console for American Conservatory Theatre
- 1965 -Theatre sound control panel for Community Theatre of the Monterey Peninsula (Carmel, California)

THEATRE SOUND DESIGNED & MUSIC/EFFECTS PRODUCED

- 1979 -Guest ("Romeo & Juliet"), American Conservatory Theatre
- Remount ("Hamlet"), National Arts Centre's Canadian Tour
- 1976 -Guest ("Macbeth," "La Dame aux Camelias"), Vancouver Playhouse
- 1975 -Guest ("Hamlet"), Neptune Theatre, Halifax, NS
- Guest ("The Tempest"), National Shakespeare Festival (San Diego)
- Remount ("Julius Caesar"), Kennedy Center (Washington, DC)
- 1974 -Resident ("The Life & Death of King John," "Walsh"), Stratford Festival
- 1973-4 -Resident ("Julius Caesar," "Queer Sights"), Playhouse Theatre Co. (Vancouver)
- 1973 -Resident ("Two Gentlemen of Verona," "The Merchant

- of Venice," "King Lear"), National Shakespeare Festival (San Diego)
- 1971-2 -Resident ("Caesar & Cleopatra," "Rosencrantz & Guildenstern Are Dead," "Dandy Dick," "Private Lives" [directed by Francis Ford Coppola], "The Contractor," "Sleuth"), American Conservatory Theatre
- 1971 -Guest ("Antony & Cleopatra"), National Shakespeare Festival
- 1970-1 -Resident ("Hadrian VII," "The Merchant of Venice," "The Relapse," "The Time of Your Life," "The Latent Heterosexual," "An Enemy of the People," "The Selling of the President" [composed by Bob James]), American Conservatory Theatre
- 1970 -Guest/resident ("Oedipus Rex," "Tiny Alice," "Adaptation/Next," "Little Malcolm & His Struggle Against the Eunuchs," "Six Characters in Search of an Author," "The Importance of Being Earnest," "The Blood Knot," "The Tavern," "The Tempest"), American Conservatory Theatre
- 1965-7 -Resident ("The Miracle Worker," "An Italian Straw Hat," "The Firebugs," "The Night of the Iguana," "Hedda Gabler," "Mary, Mary," "The Subject Was Roses," "Any Wednesday," "The Comedy of Errors," "The Rainmaker," "The Caucasian Chalk Circle," "Billy Liar," "The Madwoman of Chaillot," "Ah, Wilderness!," "The Best Man," "The Gazebo," "The Waltz of the Toreadores"), Community Theatre of the Monterey Peninsula (Carmel, California)

PAPERS PUBLISHED

Sound Editor and regular contributor to *Theatre Design & Technology*, the journal of the USITT, 1987-93.

"The State of Theatre Sound - A Manufacturer's View," *Theatre Crafts*, February 1982.

"A Practical Theatrical Sound Console," *Journal of the Audio Engineering Society*, Jan/Feb 1975, reprinted in *Theatre Design & Technology*, Fall 1979.

"Sound Reproduction in North American Repertory Theatres," *Journal of the Association of British Theatre Technicians*, November 1974.

PAPERS PRESENTED

"COMMAND/CUE Systems: History/Function/Application/Design," Audio Engineering Society 87th Convention, October 1989 (New York)

"Computer Controlled Systems in the Performing Arts" and "Computer Control of Theatrical Sound Systems," Audio Engineering Society 6th International Conference on Sound Reinforcement, May 1988 (Nashville)

"Theatre Sound Design Artistry" and "Sound Control for Drama Theatres," Canadian Acoustical Association Conference, October 1983 (Vancouver)

"Room Size Manipulation Using Time Delay," USITT National Conference, March 1982 (Denver)

"Noise Rejection in Audio Equipment for the Performing Arts," 52nd Audio Engineering Society Convention, November 1975 (New York)

"A Practical Theatrical Sound Console," 48th Audio Engineering Society Convention, May 1974 (Los Angeles)

ORGANISATIONAL PARTICIPATION

Member of SHAPE - <http://www.shape.bc.ca> - representing AES and ADC 2002.

Chair of the Lighting Control/Theatre Cue Proposals working group within the MIDI Manufacturers Association, 1991-95.

Member of the Board of Directors of the USITT, 1989-91

Organiser and presenter of Sound Design Sessions and Workshops for USITT National Conferences since 1982.

Assistant organiser of the 12th International Congress on Acoustics, August 1986 (Vancouver)

Assistant organiser of the Canadian Acoustical Association Conference, October 1983 (Vancouver)

USITT Sound Design Commissioner from 1980 through 1988.

One of 10 participants in the USITT "National Congress On Design Technology and The Performing Arts," September 1976 (Purdue University)

PANEL PARTICIPATION

"Show Control Roundtable", LDI '01, November 2001 (Orlando)

"MIDI Mania," LDI '89, November 1989 (Nashville)

"Digital Sound in the Theatre," USITT National Conference, March 1986 (Oakland)

"Computer Production Techniques for Theatre Sound," Canadian Acoustical Association Conference, October 1983 (Vancouver)

"Upgrading Theatre Sound Systems," USITT National Conference, March 1983 (Corpus Christi)

"Sound in the Theatre" and "Theatre Acoustics," Alberta Chapter USITT Conference, May 1981 (Calgary)

"Sound Design - Its Past and Future As A Design Art," American

Theatre Association Convention, August 1976 (Los Angeles)

PATENTS

-SEMI-AUTOMATIC CROSSFADING DEVICE patented in the USA and UK, 1975.

BUSINESS EXPERIENCE

CEO and general manager of:

-Richmond Sound Design Ltd., manufacturer of professional audio equipment, since 1972.

-Panus Productions Ltd., owner of Mushroom Studios, a professional 40 track recording studio, 1980-1999.

FILM SOUND CREDITS

Mudflats Living, National Film Board of Canada, 1972
<http://cmm.onf.ca/E/titleinfo/index.epl?id=11054>

Pleasure Faire, National Film Board of Canada, 1972
<http://cmm.onf.ca/E/titleinfo/index.epl?id=11479>

INTERESTS & HOBBIES

Energy conservation, environmental protection, electric vehicles, cross-country skiing, hiking, music, antiques, drama, interior decor, consumer protection, reading, community and political activism.

Last modified: 2014-02-21