

# Anne Deane Berman, PhD

885 West Georgia Street, Suite 1500, Vancouver, BC V6C 3E8, 604-628-9825  
P.O. Box 92, Point Roberts, WA 98281 (360) 543-5641  
adeaneberman@aol.com      www.annedeaneberman.com

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## SUPPLEMENTAL INFORMATION

### Music Composition:

Creates interdisciplinary performances, exhibitions, and concert works ([www.music.annedeaneberman.com](http://www.music.annedeaneberman.com)). Content ranges from personal life experiences and historical events to scientific visualization, cultural and social phenomena. Develops research programs attractive to external funding sources and which engender collaboration with faculty and graduate students. Collaborated as a researcher/composer with engineers, artists, and choreographers from University of California, Santa Barbara, UCLA, University of British Columbia and Iowa State University. Together, we worked in the areas of sensor-based performance tracking, high-end graphics and immersive visualization.

- Works installed/performed in more than 75 venues in over a dozen countries and for radio and TV (SIGGRAPH, IEE Conference: Germany, International Human Computer Interface Conference: Las Vegas, World Internet Conference: Madrid, Goteborg Museum of Art: Sweden, International Super Computing).
- Produced several widely distributed works on CD and DVD (Innova, Nuema and MIT Press record labels)
- Produced televised live concerts, including a nationally televised tribute to Dr. Martin Luther King, Jr. through A&E Television Network.
- Compositions celebrated in various publications, books and journals (i.e. *Digital Storytelling: A Creator's Guide to Interactive Entertainment*. Focal Press, an imprint of Elsevier Science, July of 2004).

### Performances:

#### **Carnegie Recital Hall: New York, NY**

Dreams Awake for flute, alto flute and piano premiered by flute duo Jill Felber and Claudia Anderson and Anita Hutton, 2000.

#### **SIGGRAPH: Los Angeles, CA**

Ashes to Ashes, Mini-Cave Interactive Immersive Sonic and Computer Animation Environment created in collaboration with Associate Professor Carolina Cruz-Neira, Associate Director of VRAC Industrial and Manufacturing Systems Engineering, 2005.

#### **Contemporary Visions: Brooklyn, NY**

Positive Thinking for alto flute and tape performed by Christine Perea, 2003.

#### **International Human Computer Interface Conference: Las Vegas**

Ashes to Ashes, 2005

#### **IRCAM: Centre Pompidou, Paris, France**

Ashes to Ashes and Beloved Mnemosyne, 2005

**IEE Conference: Germany**

Ashes to Ashes, 2005

**World Internet Conference: Madrid, Spain**

Ashes to Ashes, 2004

**International Computer Music Conference: Hong Kong**

SLAMMIN' for solo percussion and tape performed by Stephen Schick at The Hong Kong University of Science and Technology, 1996.

**International Summer Meeting of Electroacoustic Music: Sarvar, Hungary**

Positive Thinking for alto flute and tape performed by Gergely Matuz in the Nadasdy Castle, 1997.

**Goteborg Museum of Art: Goteborg, Sweden**

Beloved Mnemosye, an interactive sound and sculpture environment designed for the Martin Lighting Director performer tracking system in collaboration with UCLA's HyperMedia Studio Visiting Assistant Professor Jeff Burke and Santa Barbara sculptor Bill McVicar from Perch Contemporary Art & Design, 2002.

**VII Festival Internacional de Musica Electroacustica: Havana, Cuba**

Positive Thinking for alto flute and tape as performed by Betsy Cuffel at the Instituto Cubano de la Musica, 1998.

**Chautauqua Symphony Orchestra: Chautauqua, NY**

Reaching Antares for violoncello and orchestra premiered by cellist Jakub Omsky and conducted by Uriel Segal, 2002.

**OneMANY, Musicians and Artists in New York, NY**

Positive Thinking for alto flute and tape performed by Alison Potter at the Greenwich House, 1998.

**National Flute Conference: New York, NY**

Positive Thinking for alto flute and tape performed by Betsy Feldman, 1996.

**Society for Electro-Acoustic Music in the U.S. National Conference: New York, NY**

Positive Thinking for alto flute and tape performed at Ithaca College, 1996.

**Silicon Valley's Tech Museum, GroundZero's Art & Technology Network Conference: San Jose, CA**

Presented with the Kitchen, the new media arts organization located in New York. Beloved Mnemosye, an interactive sound and sculpture environment designed for the Martin Lighting Director performer tracking system in collaboration with UCLA's HyperMedia Studio Technical Coordinator Jeff Burke and Santa Barbara sculptor Bill McVicar from Perch Contemporary Art & Design, 2000.

**San Diego Opera/Digital Media Innovation Program Technology Forum: San Diego, CA**

Ashes to Ashes – Dance Driving, Concert version of an Interactive Immersive Sonic, Dance, and Computer Animation Environment, 2002.

**Perch Contemporary Art & Design: Santa Barbara, CA**

Beloved Mnemosye, an interactive sound and sculpture environment, 2000.

**Digital Media Innovation Program's DIGIVATIONS Conference, Santa Barbara, CA**

A global technology and content conference presented by the University of California. Beloved Mnemosye, an interactive sound and sculpture environment, 2000.

**MB5 2000 Festival, Ex'pression Center for New Media: Emeryville, CA**

Beloved Mnemosye, an interactive sound and sculpture environment, 2000.

**Women's Philharmonic Orchestra: San Francisco, CA**

Reaching Antares for violoncello and orchestra selected for reading, 1999.

**Ojai Festival Solo "Meet the Composer" Concert: Ojai, CA**

A solo concert of three works (Love Songs, Glacius and Postive Thinking) performed by soprano Kathleen Roland, flutist Betsy Cuffel, cellist Nadine Hall and pianist Louise Lofquist in a "Meet the Composer" format for over 200 patrons of the Ojai Music Festival, 1996.

**Oberlin College, Department of Theater and Dance: Oberlin, OH**

Two plays by David Mamet, 1985.

Music for Choreography by Patti Gioenco, 1984.

Multi-media Dance Pieces made in collaboration with Julliette Myers, 1983

**National Flute Association Convention 2001: Dallas, TX**

Dreams Awake for flute, alto flute and piano performed by flute duo Jill Felber, Claudia Anderson, 2001.

**Iowa State University, Virtual Reality Applications Center: Ames, IA**

Composer talk and Beloved Mnemosye, an interactive sound and sculpture environment, 2001.

**Brunnier Art Museum: Ames, IA**

Ashes to Ashes, 2003

**Virtual Reality Applications Center: Ames, IA**

Ashes to Ashes, 2003

**International Super Computing Conference: Baltimore, MD**

Ashes to Ashes, 2002

**International Computer Music Conference: Miami, FL**

Ashes to Ashes, 2004.

**Seventh Annual Florida Electroacoustic Music Festival: Miami, FL**

SLAMMIN' for solo percussion and tape to be performed by Ken Broadway, 1998.

**International Alliance for Women in Music: Washington, D.C.**

Positive Thinking for alto flute and tape performed by Alison Potter at the National Museum of Women in the Arts, 1996.

**TV/Documentary/Radio:**

*Concept to Commerce*, Emerging Energy Technology Summit, **UCTV**, 2008.

*A Portrait, the Making of Ashes to Ashes*, **Virtual Reality Applications Center, Iowa State University**, 2003

*Digital Media Innovation, UCTV, 2001.*

*Martin Luther King Jr. Tribute Concert, Philadelphia Orchestra, televised locally on **KYW-TV and nationally on A&E cable**, 1990.*

*Intermission Feature: Martin Luther King, Jr, Philadelphia Orchestra, televised locally on **KYW-TV and nationally on A&E cable**, 1990*

*Intermission Feature: 90<sup>th</sup> Anniversary, Philadelphia Orchestra, televised locally on **KYW-TV and nationally on A&E cable**, 1990*

*Radio-Thon, Philadelphia Orchestra, aired locally on **WFLN-FM (95.7)**, 1990*

*Opera Theatre of Saint Louis Productions, **KDHX TV. KDHX 88.1 FM**, 1988, 1989.*

## Recordings

Deane, A. *Reaching Antares for violincello and orchestra* (Chautauqua Music Festival Symphony Orchestra featuring cellist Jakub Omsky and conducted by Uriel Segal.) "Music from Chautauqua" distributed by National Public Radio.

Deane, A. *Dreams Awake* for flute, alto flute and piano, Acton: Neuma Records, 2000.

Deane, A. *Crossings: Works by Anne Deane*. (Anacapa String Quartet, Betsy Cuffel, alto flute, Kathleen Roland, soprano, Nadine Hall, cello, Louise Lofquist, piano, Todd Caschetta, percussion.) St. Paul: Innova Recordings, 1999.

Deane, A. *Positive Thinking* for Alto Flute and Tape, Computer Music Journal Sound Anthology, Volume 21. (Betsy Cuffel, alto flute.) Boston: MIT Press, 1997.

## Publications:

Berman, A., Berman, S. *ENERGY INNOVATORS PLAYBOOK Teacher Guide and Student PLAYBOOKS. DIGIVATIONS™*, distributed by LEGO Education North America's joint venture, Pitsco Education, forthcoming, 2012.

Berman, A., Berman, S. *ROCKETRY PLAYBOOK Teacher Guide and Student PLAYBOOKS. DIGIVATIONS™*, distributed by LEGO Education North America's joint venture, Pitsco Education, 2012.

Berman, A., Hansen, G. "Proposal to Create New Academic Unit within the College of Engineering: The Technology Management Program", UCSB's College of Engineering, 2008.

Berman, A., Hansen, G. "Proposal for Minor in Technology Management within the College of Engineering", UCSB's College of Engineering, 2008.

- Berman, A., Hansen, G. "Proposal for Revised Instructional Program and Name Change of the Graduate Technology Management Certificate within the College of Engineering's Technology Management Program", UCSB's College of Engineering, 2008.
- Berman, A., Ed. "Concept to Commerce: Emerging Technologies Energy Summit", UCSB's College of Engineering, 2008.
- Berman, A. Ed. "Mouse BIRN Atlasing Toolkit Manual", UCLA's Laboratory for Neuro Imaging, 2006.
- Berman, A. Ed. Various collaborator project descriptions. "NIH P41 Grant Proposal", UCLA's Laboratory for Neuro Imaging, 2006
- Berman, A., Ed. S., Yonggang et al. "Direct Cortical Mapping", NeuroImage, 2006.
- Berman, A., Ed. Zhuowen-Tu et al. "Brain Anatomical Structure Parsing by Hybrid Discriminative/Generative Models."
- Sacristan, A. Work Cited in: "Carolina Cruz", Muy Interesante – Entrevista, 2005 [http://www.muyinteresante.es/canales/muy\\_act/entrevi/entrevi36/entrevi.htm](http://www.muyinteresante.es/canales/muy_act/entrevi/entrevi36/entrevi.htm)
- Berman, A., Berman, S., Cruz, C. and Tuch, L. "Virtual Reality and Emotion", In proceedings, VR International Conference, in conjunction with HCI International 2005, Las Vegas, 2005.
- Hinkle-Turner, E. Work cited in: Crossing the Line: Women Composers and Music Technology (volume one: United States forthcoming from Ashgate Press, London)
- Miller, C. Work cited in: Digital Storytelling: A Creator's Guide to Interactive Entertainment. Focal Press, an imprint of Elsevier Science, 2004.
- Berman, A., "Immersive Sonic Environments." In Proceedings, International Computer Music Conference, 2004.
- Cruz, C., Deane, A., Williams, V., "Ashes to Ashes – Dance Driving: Documenting Historical Events Through Virtual Experiences" presented at the Hawaii International Conference on Arts & Humanities, 2003.
- Berman, A. and Berman, S. Documentary: A Portrait: The Making of Ashes to Ashes. Ames, IA 2002.
- Deane, A. and Berman, S. compiler and editor, Current Research in Digital Media. Digital Media Innovation Program: Santa Barbara, 2000.
- Deane, A. "Review: New Music from the Americas, 3." Computer Music Journal 21(3), 1997.

## Award/Grants:

**NASA Summer of Innovation Mini-Grant 2011**

**LEGO Education North America Stipend 2011**

**PITSCO Education Stipend 2011**

\$2,200 to support workshop related expenses for the DIGIVATIONS™ INSTITUTE's Robotics Residency at McNeil Canyon Elementary School, Homer Alaska.

**NASA Summer of Innovation Mini-Grant 2011**

\$2,500 to support workshop related expenses for the DIGIVATIONS™ INSTITUTE's STEM+ARTS Workshops in Point Roberts, WA.

**University of California, Office of the President, UC Discovery Opportunity Award 2008**

\$15,000 to support conference related expenses for the UCSB Emerging Energy Technologies Summit.

**British Columbia Innovation Council 2008**

\$10,000 to support conference related expenses for the UCSB Emerging Energy Technologies Summit.

**AlwaysOn Media Sponsorship 2008**

In-kind support for the UCSB Emerging Energy Technologies Summit.

**Korn/Ferry International Sponsorship 2008**

In-kind support for the UCSB Emerging Energy Technologies Summit.

**University of California, Los Angeles, P41 grant proposal National Institute of Health 2006 (editor)**

Multi-million dollar, five year, multi-institutional grant (700 pages) for the Laboratory of Neuro Imaging.

**University of British Columbia, Visiting Faculty Travel Grants 2004**

\$550 in support of travel to Miami for the presentation of an accepted paper and performance of Ashes to Ashes at ICMC 2004 (International Computer Music Conference).

**Iowa State University, International Travel Grant 2002 and 2003**

\$975 in support of travel to Sweden for the remounting of Beloved Mnemosyne at ICMC 2002.  
\$50,000 in support of travel and mounting of Ashes to Ashes at Mundo Internet, Spain.

**Iowa State University, Humanities Scholarship in the Arts, Summer Salary 2002**

\$5,000 in support of Ashes to Ashes – Dance Driving, An Interactive Immersive Sonic, Dance, and Computer Animation Environment

**Iowa State University, Humanities Scholarship in the Arts, Travel Funds 2002**

\$1,000 in support of Ashes to Ashes – Dance Driving, An Interactive Immersive Sonic, Dance, and Computer Animation Environment

**Iowa State University, Edgar Fund 2001**

\$1,000 in support of Ashes to Ashes – Dance Driving, An Interactive Immersive Sonic, Dance, and Computer Animation Environment

**Iowa State University, SPRIG 2001**

\$16,000 in support of Ashes to Ashes – Dance Driving, An Interactive Immersive Sonic, Dance, and Computer Animation Environment

**Iowa Arts Council, Department of Cultural Affairs, 2001**

\$5,000 in support of Ashes to Ashes – Dance Driving, An Interactive Immersive Sonic, Dance, and Computer Animation Environment

**University of California, Santa Barbara Humanities Division, 2000**

\$1,500 in support for travel and production expenses related to the creation of Beloved Mnemosyne.

**University of California, Santa Barbara Department of Music, 2000**

\$500 in support for travel and production expenses related to the creation of Beloved Mnemosyne.

**University of California, 1997 General Affiliates Graduate Dissertation Fellowship**

One of five recipients of this university-wide fellowship. \$3,000 award for Reaching Antares, dissertation for violoncello and orchestra.

**ASCAP** 1996-04 and 1985

\$500 annual grants.

**Baroness Léni Fé Bland Foundation Grant** 1996

\$1,000 award toward solo chamber CD Project.

**Alvin and Charlotte Bronstein Scholarship for the Arts, Ojai Festival** 1996

\$1,000 award toward solo chamber CD Project.

**University of California Humanities/Social Sciences Research Grant** 1996.

\$2,000 grant toward solo Chamber CD Project.

**The Esperia Foundation Grant** 1995.

\$2,000 grant toward solo chamber CD Project.

**Santa Barbara County Arts Commission/Arts Fund Award** 1994.

Received the Baroness Léni Fé Bland Award for most talented Santa Barbara composer.

## **Extension/Professional Practice:**

### **Organizing/leading workshops or training sessions:**

**2011 Professional Development Workshops: DIGIVATIONS INSTITUTE,** Facilitator and Faculty.

**2008 Emerging Energy Technologies Summit: UCSB,** Conference Design Partner

A gathering of more 400 academics, investors, policy makers and entrepreneurs designed to provide market and technical insight, business and investor relationships and economic and political influence necessary for entrepreneurially minded business leaders and policy makers.

**2002 Iowa Composers Forum Conference: Ames,** Co-Chair

A gathering of over 100 composers and performers from throughout the state of Iowa, presenting concerts, workshops and masterclasses.

**2001 DIGIVATIONS™ Global Technology and Content Conference,** Co-Chair

A gathering of over 200 convergence Industry Technology Leadership and Strategists, Creative Talent, Venture Capitalists and Visionaries with leading University of California research faculty from all nine UC campuses and the three national labs. Presented in Association with the [Red Herring](#). Co-developed the conference content (program, website, speakers, etc.) and participated as a researcher with the installation of Beloved Mnemosye.

**1999 Industry-University Technology Workshops & Roundtables, Co-Chair**

In addition to designing workshops in Virtual Reality, Telemedicine, and Distance Learning, sponsored a Digital Technology and Content Review, where industry leaders involved in technology commercialization, business development, and research joined selected UC researchers featuring current research in Intelligent Environments, Networking and Visualization.

**Serving as a referee for journals, books, grants, exhibitions, etc.**

**International Computer Music Association**, Reviewer 1998 ICMC Educational Paper Submissions.  
**American Composers Forum**, McKnight Fellowships

**Serving as editor for a journal**

**Computer Music Journal, MIT Press**, Associate Editor, 1997-1999.

**Paper sessions and Panels:**

**Foundation of Digital Games**, 2009-10, invited participant

**Transformative Media Consortium**, 2008-09 invited participant.

**Third International Conference on Game Development in Computer Science Education**, 2008, invited participant

**Second International Conference on Game Development in Computer Science Education**, 2007, invited participant

**AlwaysOn Stanford Summits**, 2006 & 2007, invited participant

**BC/Vancouver-Canada-California Participatory Sensing Roundtable**, 2007, invited participant

**International Conference on Advances in Computer Entertainment Technology**, 2006, participant

**International Conference on Human Computer Interaction**, 2005, "Virtual Reality and Emotion"

**International Computer Music Conference**, 2004, "Interactive Immersive Environments: A Composer's Journey"

**Hawaii International Conference on Arts and Humanities**, 2003, "Documenting Historical Events Through Virtual Experiences"

**ITAG Young Scholars Conference**, 2002, Speaker on "Music & Technology."

**American College of Dance Festival**, University of Northern Iowa, 2002

**Authorship Conference, Interdisciplinary Humanities Center, UC Santa Barbara**, Round Table Participant, "Future Models of Authorship: The Digital Age." November, 1998.

**References Available Upon Request**