

# Leslie M. Gaston, BA, M.S. Recording Arts

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## EDUCATION

Date	Institution	Degree	Major
2003	University of Colorado Denver	Master of Science	Recording Arts
1991	Indiana University, Bloomington	Bachelor of Arts	Telecommunications
1989	Indiana University, Bloomington	Associate of Science	Audio Technology

## PROFESSIONAL EXPERIENCE

2005-present	Assistant Professor of Recording Arts, University of Colorado Denver
2002-2005	Sound Editor, Post Modern Company
1995-2002	Audio Systems Manager, Colorado Public Radio
1991-1995	Broadcast / Recording Technician, National Public Radio

## PUBLICATIONS

### Peer Reviewed (Refereed) Articles

2010	Gaston, L. Methods for Sharing Audio Among Planetariums. (2010). <i>The Planetarian</i> , 39(2).
2009	Yu, K.C., Williams, K., Gaston, L., Neafus, D., Downing G. (2009) Gaia Journeys: A Museum-Based Immersive Performance Exploration of the Earth. <i>International Journal of Digital Earth</i> , 2(1).
2008	Gaston, L. and Sanders, R. (2008) Evaluation of HE-AAC, AC-3, and E-AC-3 Codecs. <i>Journal of the Audio Engineering Society of America</i> , 56(3).

### Peer Reviewed (Refereed) Published Conference Proceedings

2010	Gaston, L. et al. (2010) The Influence of Individual Audio Impairments on Perceived Video Quality. Convention Paper 8151. <i>128<sup>th</sup> Audio Engineering conference</i> . London, England.
2010	Rodigast, Rene and Gaston, Leslie (2010) The Sound of Space: A Look at the History and Future of Audio in Planetariums. <i>International Planetarium Society Conference 2010</i> . Alexandria, Egypt.
2008	Gaston, L et al. (2008) Methods for Sharing Stereo and Multichannel Audio among Planetariums. Convention Paper 7474. <i>124<sup>th</sup> Audio Engineering conference</i> . Amsterdam, the Netherlands.
2007	Gaston, L. and Sanders, R. (2007) Evaluation of HE-AAC, AC-3, and E-AC-3 Codecs. Convention Paper 7049. <i>122<sup>nd</sup> Audio Engineering Society conference</i> . Vienna, Austria.
2007	Yu, Ka Chun et al. (2007) Gaia Journeys: A Museum-Based Immersive Performance Exploration of Earth. Proceedings of the 5 <sup>th</sup> International Symposium on Digital Earth, June 5-9, Berkeley, CA.
2006	Gaston, L. and Sanders, R. (2006) Drei Mehrkanal Codecs im Vergleich. Proceedings of the <i>24<sup>th</sup> Verband Deutscher Tonmeister conference</i> . Leipzig, Germany.

- 2006 Gaston, L. (2006) Tactile Strategies and Resources for Teaching Multichannel Sound Concepts. Convention paper 6689. *120<sup>th</sup> Convention of the Audio Engineering Society*. Paris, France.

## CREATIVE ACTIVITIES

### Recordings (as Audio Engineer, roles in parentheses)

- 2011 Original pieces by British composer Beth Perry. Instrumentation: SATB, bassoon, cello, violin, flute.
- 2008 *Good Grief*, a 5-part television series produced by the University of Colorado Denver and broadcast locally on Rocky Mountain PBS. (Re-Recording Mixer)
- 2007 *A Cosmic Journey*, produced by the Denver Museum of Nature and Science. Pre-production and pre-mix engineer for 5.1 surround sound for this 20-minute feature produced by Gates Planetarium. (Re-Recording Mixer)
- 2006-2007 *Music is My Life, Politics My Mistress: The Story of Oscar Brown, Jr.*, a feature-length documentary produced and directed by donnie l. betts. The program was picked up in 2007 by PBS and aired nationally. This film won the Viewer's Choice Award at the Starz-Denver International Film Festival, and was also shown in festivals in the U.S., Amsterdam, and Krakow. (Re-Recording Mixer)
- 2007 *Hart to Hart* (Episodes 29, 43, 44, 45, 46, 102), distributed by Sony Pictures. (Audio Restoration engineer)
- 2007 *Destination Freedom: "Little Rock 9"* Performed at the Crossroads theater in Denver and aired nationally by Public Radio International. (Supervising sound engineer)
- 2006 *The Partridge Family*, distributed by Sony Pictures. (Audio Restoration engineer)
- 2006 *The Flying Nun* (Episodes 32 and 39), distributed by Sony Pictures. (Audio Restoration engineer)
- 2006 *The Golden Spike*, distributed by the U.S. National Park Service. The Golden Spike, produced by US Media Services and distributed by the US National Park Service. This was a major project involving revisiting archival ¼" sound, restoration of the 1969 soundtrack, and the addition of new sound design elements and character voices. (Audio restoration and mixing engineer).
- 2006 *Cache la Poudre*, produced by US Media Services and distributed by the US National Park Service. (Audio Post Production)
- 2006 *Specimen* a feature-length documentary produced and directed by Charles Fryberger and premiered at the Boulder Theater. (Re-Recording Mixer)
- 2006 *If You Can't Beat 'Em, Join 'Em*, Surround sound mixes and Directors' Commentary recording, produced by Cypress Film Labs, Las Vegas, New Mexico. (Audio Post Production engineer)
- 2006 *New Mexico Forest and Watershed Restoration*, an industrial video, produced by Cypress Film Labs in cooperation with New Mexico Highlands University. (Audio Post Production engineer)
- 2005 Bruner, Travis and Harris, Peter, *String Pieces*. (Recording, Mixing, Mastering Engineer)
- 2005 *etown* radio program, 8/11/2005, with guest Beth Orton, recorded at the Boulder Theater (Distributed by NPR) (Line Producer, Editor, Mixer)
- 2005 *etown* radio program, 8/21/2005, with guests Soulive and Raul Midon, recorded at the Boulder Theater (Distributed by NPR) (Line Producer, Editor, Mixer)

- 2005 Zoe Erisman Piano Recital. King Center Recital Hall, November 9, 2005. (Recording Engineer)
- 2005 *Gear Up* education video for New Mexico Highlands University, October 10, 2005 (Sound Design, Re-Recording Mixer)
- 2005 *Phil's Holiday*. 48 Hour Film Festival entry, July 29-30, 2005 (Supervising Sound Engineer)
- 2002-2005 *Various titles*. Sound Restoration for films from Sony Pictures, subcontracted through Post Modern.
- 1998-2002 *Colorado Symphony Orchestra Broadcasts*. Recording, mixing, and editing form broadcasts of the Colorado Symphony Orchestra, broadcast on *Colorado Spotlight*.
- 1995-2002 *Colorado Matters*. Field and studio recording, mixing, and editing of news features on Colorado Public Radio.
- 1991-1995 *All Things Considered, Morning Edition, Performance Today, NPR News and Talk of the Nation*. Field and studio recording, mixing, and editing of news features from around the world for National Public Radio in Washington, D.C.

### **Sound Reinforcement and Recording (as Audio Engineer)**

- 2007 Kenji Williams, *Gaia Journeys*. Live violin and synthesized backbeats mixed in 5.1 surround sound at Gates Planetarium in Denver. (Supervising Sound Engineer, Mix Engineer)
- 2007 *Richard Pinhas live with Jerome Schmidt and Antoine Paganotti*. Live, experimental rock trio mixed in 5.1 surround sound at Gates Planetarium in Denver. (Supervising Sound Engineer, Mix Engineer)
- 2006 *Destination Freedom, The Story of Walter White*. This was a radio drama performed at Grady High School in Atlanta, Georgia, and broadcast on WRFG-FM (89.3, Atlanta) as part of the Centennial Remembrance Weekend sponsored by the Coalition to Remember the 1906 Atlanta Race Riot. (Supervising Sound Engineer and Broadcast Engineer)
- 2006 *Destination Freedom, The Story of Ralph Bunche*. Radio drama followed by musical performance featuring international recording artist René Marie and local jazz trio Jeff Jenkins, Ken Walker, and Paul Romaine. Performed in King Center's Recital Hall and broadcast on KGNU-FM (88.5, Boulder and 1390 AM, Denver), with national distribution by Public Radio International. (Supervising Sound Engineer and Broadcast Engineer)
- 2000-2006 *Destination Freedom* (various). Recording engineering and live sound for about four productions per year, featuring various personalities from African American history.
- 1988-1991 First engineer for various recitals, symphony, and opera performances at Indiana University's Jacobs School of Music, including *Tales of Hoffman* and *The Barber of Seville*. Toured with "The Singing Hoosiers" as a sound reinforcement engineer.

### **Faculty Recitals (Live Performance, Principal Artist)**

- 2006 Leslie Gaston, piano (with special guests Kellie Dixon and Ron Miles). Works of Claude Debussy, Johannes Brahms, and Mikhail Alperin.

### **Seminars, Colloquia, and Workshops**

- 2009 Max/MSP Day School, hosted at CNMAT (Center for New Music and Audio Technologies), Berkeley, California (July, 2009).
- 2009 Jitter Night School, hosted at CNMAT (July, 2009).

- 2009            MATLAB fundamentals, hosted by the Mathworks in Minnesota, MN (July, 2009).
- 2008            Conference planner / organizer / host for “AES Careers Panel” (May, 2008).
- 2007            Conference planner / organizer / host for Trinnov Optimizer demo at Gates Planetarium, hosted by AES-Colorado (April 2007).
- 2007            Conference planner / organizer / host for Omni-8 demo at Rialto Theater in Loveland, hosted by AES-Colorado (April 2007).
- 2006            Panelist: “Innovations in New Media Technology”, MEISA regional conference (Nov, 2006).
- 2006            Conference planner / organizer / host for “AES Careers Panel” (April, 2006).
- 2006            Organizer / host for one of the “Night at the Cammies” / UNIVERSITY OF COLORADO DENVER Sweetening Club events featuring guest speaker David Wruck (May, 2006).
- 2006            Organizer / host of convocation event, “Stage Fright”, with panelists Gregory Walker, Zoe Erisman, Pete Ellingson, and Kellie Dixon (September, 2006)

## **PRESENTATIONS**

### **Refereed Presentations at Meetings**

- 2010            Gaston, Leslie. “Music Video Vérité: The Use of Live Performance in a Music Video With Cuts Between Locations Using the Audio From Each Location”, presented at the 10<sup>th</sup> annual Art of Record Production conference in Leeds, United Kingdom, Dec. 2010.
- 2008            Gaston, L. et al. “Methods for Sharing Audio among Planetariums”, presented at the 124<sup>th</sup> Audio Engineering Society conference in Amsterdam, The Netherlands, May, 2008.
- 2007            Yu, Ka Chun et al. “Gaia Journeys: A Museum-Based Immersive Performance Exploration of Earth.” Presented at the 5<sup>th</sup> International Symposium on Digital Earth (ISDE), San Francisco.
- 2007            Gaston, L. and Sanders, Richard. “Evaluation of HE-AAC, AC-3, and E-AC-3 Codecs.” Presented at the 122<sup>nd</sup> Audio Engineering Society conference in Vienna, Austria, May, 2007.
- 2006            Gaston, L. and Sanders, Richard. “Drei Mehrkanal Codecs im Vergleich.” Presented at the 24<sup>th</sup> Verband Deutscher Tonmeister conference in Leipzig, Germany, November, 2006.
- 2006            Gaston, L. “Tactile Strategies and Resources for Teaching Multichannel Sound Concepts.” Presented at the 120<sup>th</sup> Convention of the Audio Engineering Society in Paris, France, May, 2006.

### **Non-Refereed Presentations at Meetings**

- 2006            Presenter, “Surround Sound For Broadcast and DVD”, Rocky Mountain Vid Expo, (October 2006).
- 2006            Presenter, “Sound Design and Music Selection for Documentaries” presentation, (with David Wruck), Rocky Mountain Vid Expo (October 2006).

### **Reports and Newsletters**

- 2004-2008        AES Colorado notices and newsletters. Prepared (as secretary) bi-monthly announcements of upcoming events and occasional newsletters for our members.

## **TEACHING**

### **Courses Taught**

MSRA 6510: Audio Pedagogy	MUS 4500 Section 005: Critical Listening
MUS 4550 / MSRA 5550: Audio Production III	MUS 4575 / MSRA 5575: Surround Sound
MUS 4505 / MSRA 5505: Audio Post Production	MUS 3540: Maintenance and Calibration
	MUS 4576 / MSRA 5576: Surround Sound II

### **Masterclasses and interviews**

2008 Interviewed Oscar-winning sound designer Eddy Joseph for a class in Surround Sound.

2007 Led a session with legendary engineer and producer Alan Parsons, who critiqued student projects and shares other recording advice.

2006 Held an interactive class conference call with Richard King, Oscar-winning sound designer.

2006 Interviewed pianist Steve Weingart, plus videotaped his recording session for our classes.

### **PROFESSIONAL ORGANIZATIONS**

2008-present Chair, Colorado Section of the Audio Engineering Society (AES)

2006-present Associate Member, AES

2004-2008 Secretary, AES-Colorado

### **Other Indicators of Scholarly and Creative Activity**

2011 Recipient of Fulbright Scholarship. Research/Teaching appointment at the University of York Music Research Centre. (£15,000)

2009 Center for Faculty Development Grant for research into using Max/MSP/Jitter and MATLAB as teaching tools. (\$5,000)

2008 College of Arts and Media Faculty Development Grant (CAM FDG) / Young Upwardly Mobile Professors (YUMPS) with CAM matching funds for Amsterdam (\$500/\$500/\$500).

2007 CAM FDG / YUMPS (with CAM match) for VDT Tonmeister conference Leipzig (\$500/\$500/\$500); additional funding provided by Dolby Laboratories.

2007 Mentoring Stipend for additional AES Vienna expenses (\$1,000).

2007 CAM FDG / YUMPS (with CAM match) for AES Vienna (\$500/\$500/\$500).

2006 Dolby Laboratories funding for independent research into 3 audio codecs (\$80,000).

2006 Center for Faculty Development (CFD) Contingency Award with CAM match (\$500/\$500).

2006 CFD FDG: "Methods for Creating and Sharing Surround Recordings in Planetariums Using B-Format and Spatial Audio Technologies" (\$2,000)

2006 CAM FDG for Las Vegas "Surround for Broadcast Conference". (\$500)

2005 CAM FDG / YUMPS (with CAM match) For Paris AES Conference. (\$500/\$500/\$500)

### **Recognition, Honors, and Awards**

2008 Featured in the article, "Careers in Audio" by Lynette Locke, National Society of Black Engineers Magazine, NSBE Publications, Summer 2008, pp. 18-19.

- 2006            Featured in the article, "Engineering the Pop Culture" by Lynette Locke, National Society of Black Engineers Magazine, NSBE Publications, January/February 2006, pp 35-37.
- 2004            Winner, Student AES Competition (Category: Post Production Audio for Video). *Music Video Vérité featuring Future Jazz Project*.
- 2000            Edward R. Murrow Award for *A Columbine Diary*, presented by the RTNDA (Radio and Television News Director's Association). (Co-Producers: Dan Drayer, Kelley Griffin).

## **SERVICE**

### Administrative

- 2008-2010      Program advisor for the Recording Arts program (graduate and undergraduate).
- 2007-2010      Program advisor for the Master of Science in Recording Arts program. This involves fielding questions from prospective students and advising current students.

### University Committees

#### Music & Entertainment Industry Studies Department

- 2009            Member, National Center for Media Forensics Search Committee
- 2008-present    Member, Academic Policies Committee
- 2007 – 2008     Chair, Recording Arts Search Committee
- 2006            Member, Recording Arts Search Committee

#### College of Arts & Media

- 2006 – present    Master of Science Recording Arts Admissions Committee

#### University

- 2007            University Disabilities Committee

#### System

- 2005-present    Faculty Assembly

#### Community

- 2009-present    Chair, Audio Engineering Society (Colorado Section)
- 2006-2008      Secretary, Audio Engineering Society (Colorado Section)