



DEBORAH C. EGLOFF

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CURRICULUM VITAE

617.372.5292

Profile

I am a new media producer, engineer and entrepreneur focusing on the perception and cognition of sound. My primary scientific goal is to understand the neuro-computational correlates of music and psychoacoustics as well as audio-visual cognition. My artistic work encompasses sound-sculpture installations and live performances involving composed and improvised pieces for computer, hand-made circuits, HCI's and modified electronic and acoustic instruments. Current works explore immersive audio, resonant objects and spaces, sensory interfaces, viewer participation and architecture and site as instrument.

Education

HST-SHBT Harvard/MIT Division, Cambridge, MA Sept 2008- May 2009
Visiting Student, Auditor
Studies in Speech and Hearing, Bioscience & Technology

Berklee College of Music, Boston, MA Jan 2005 – Aug 2007
Dual Bachelor Degrees, Magna cum Laude
Music Synthesis Major
Music Business & Management Major
Dean's List (every semester)

University of Zurich, Zurich, Switzerland May 2003– Dec 2004
Department of Neuropsychology, Auditor
Studies in Cognitive and Developmental Psychology,
Neurobiology and Neurophysiology

SAE School of Audio Engineering, Zurich, Switzerland Sept 2001- Mar 2003
Audio Engineer Diploma/ Diplome d'Ingenieur du son / Tonmeister Zertifikat
Post-graduate degree in Acoustic Engineering, Cum Laude
Electrical Engineering,
Multimedia Production and Recording Arts

Conservatory of Music, Zurich, Switzerland Mar 2003– Dec 2003
Studio classes, Research Studies
History of Music, Traditional Harmony
Computer-music, Electroacoustics

Royal College of Music, London, UK Mar 2001–July 2001
Classes in Music Production and Engineering

Francis King School, London, UK Mar 2001 – July 2001
Cambridge CPE (Certificate of Proficiency in English)

Kantonsschule Hohe Promenade, Zurich, Switzerland Aug 1993- Jan 2001
Eidgenössische Matura Type B, (Swiss Federal Graduation Diploma)
Majors in Latin, English and Music

Work Experience

- MIT Media Laboratory**, Cambridge, MA, USA April 2008 - present
Research Affiliate Synthetic Neurobiology Group
Principal Investigator: Ed Boyden, PhD
Neuroeconomical research projects
Neurobehavioral experiment design
- Independent, Freelance and Consulting work** June 2004 - present
Zurich, Boston, New York, Los Angeles
Multimedia Producer (profit & non-profit)
Acoustic Engineer, Composer, Creative Consultant
RhEdBoA Productions, Corporate Sound Identities
- Sonivox Inc.**, Cambridge, MA, USA May 2007-Aug 2007
Berklee Music Business Internship
Embedded Audio Systems
Project Management Sampling libraries, (loopline "bent circuits")
Marketing "Firefly Studios"
- Jingle Jungle Studios**, Zurich, Switzerland May 2003-May 2004
Senior Audio Engineer
Credits for:
Sound-Design "Straehl", Swiss Movie Award 2004
Sound Edit/Arrangement/ADR "Ready, steady, Charlie"), Swiss Movie Award 2003
Sound-Design "UBS-Alinghi" Billboard, 2003
Casting and Sound-Design "Mac Donalds - I'm loving it", CH/D Campaign 2003
- Philippemoritz Sound Studios**, Zurich, Switzerland May 2002-May 2003
Assistant Audio Engineer
Sound-Design on Trailers,
Radio and TV Commercials,
Short-Movies
- Musical "Deep"**, Zurich, Switzerland Dec 2001-May 2002
Stage Mix Audio Engineer,
Stage Mix and Monitoring
Stage Management Pre-production,
Tech Support
- Aerztelabor Badena AG**, Baden, Switzerland 1998-2001
Research Assistant
Biochemical assays

Languages

German:	written and verbal fluency
Swiss German:	(written and) verbal fluency
English:	written and verbal fluency Cambridge CPE (Certificate of Proficiency in English) 2001
French:	written and verbal fluency
Latin:	reading and comprehension
Spanish:	comprehension, conversational

Computer Skills/ Technical Qualifications

Applications

Audio

- Digidesign Pro Tools TDM & LE 5.1-7.0
- MAX / MSP
- PD
- Ableton Live 6
- Apple Logic 5.0-8
- Propellerhead Reason 4
- Steinberg Cubase SX
- Coda Music Finale 2000-2006
- Sibelius

Visual Media

- Avid Cut
- Final Cut Pro
- Quark Xpress
- Adobe Photoshop 7

Office/Database

- EndNote
- Filemaker 6
- Microsoft Office (Word, Power Point, Excel)

Operating Systems

- Mac OS 9, Mac OSX 10.4.11
- Windows 2000 Pro, XP Pro, Vista
- DOS

Programming

- html
- basic BASIC
- basic MATLAB
- learning Processing

Selected Honors and Awards

· Honors:

2007 Berklee College of Music, Boston, MA: Dual Major (MBus/MSynthesis): Magna cum Laude
2006 Berklee Achievement Scholarship (granted for the years 2006, 2007)
2005 Berklee College of Music, Dean's List (every semester in the years 2005, 2006, 2007)
2003 SAE Technology College (School of Audio Engineering), Zurich, Switzerland: Cum Laude

· Awards and Credits:

2009 "DROID" phone by Verizon/Motorola, sound and effects for web presence
2009 "Permeable Building" challenge, Finalist, MIT Media Lab, Ambient Waves (Soundgarden)
2004 Swiss Movie Award 2004, "Straehl", Sound-Design / Edit
2004 "Mac Donalds - I'm loving it", CH/D Campaign, Casting, Sound-Design, Prompts
2003 "Das goldene Ohr", German Language Radiospot Award, Switzerland
2003 Swiss Movie Award 2003, "Ready, steady, Charlie", Sound Edit/Arrangement/ADR
2003 "UBS-Alinghi" Billboard, Sound-Design, ADR
2001 Kantonsschule Hohe Promenade: Best Music Matura of the Year, "Egyptian dream"

Publications

2003 SAE Technology College, Thesis "Betrachtungen der grundlegenden Wirkmechanismen der Filmmusik" ("Observations of Causal Mechanisms in Perception of Film Music"), The complete work is currently in translation, selected findings of the dissertation were published in the SAE Magazin, March 2003.

2006 Berklee College of Music, "Current Issues in the Music Business", MBJ Music Business Journal, Berklee Press

2007 RhEdBoA Productions Inc., "Dies Irae", Multi Media Production; screened at the Berklee College of Music, "the cloud space", Boston, and "zeitgeist Gallery", Boston

Memberships

IEEE, Institute of Electrical and Electronics Engineers

SUISA, Swiss Society for the Rights of Authors of Musical Works

Swissnex, Consulate of Switzerland, former known as SHARE Boston, Swiss House for Advanced Research and Education

WKD, World Knowledge Dialogue; Symposium towards Modern Humanism

BIRN, Berklee College of Music Internet Radio

Related Skills

Strong in developing procedures and organizing

On schedule

Dedication, meticulous with details

Creativity, aptitude and drive

Other experience, seminars - workshops - conferences:

Music Hackday Boston, Nov 21-22, 2009 at Microsoft New England Research&Development Center. Panels, workshops, live circuit-bending. <http://boston.musichackday.org/>

Monomeet Princeton, October 2-4, 2009, Terrace F. Club, Princeton University, NJ. Projects, talks and workshops involving monome hardware and other musical tools. <http://monome.org/>

Audio Engineering Society convention New York, September 2009, attendee

March 30th, 2009, Science Suisse Exhibition at Logan Airport and related events at the Swiss Consulate: co-organization, communications, production and creative consulting.

Research at the MIT Media Lab Internal Conference, March 23rd, 2009: "New Media Projects": Electro-acoustic performance of original composition and presentation with students from the HyperInstruments/Opera of the Future group, directed by Tod Machover.

The Guestbook Seminar, "Hosting the Stranger"; Inter-religious Hospitality in Five Wisdom Traditions Conference, Boston College, March 13-14th; panels and brainstorming with Larry Friedlander

Longwood Symphony Orchestra Symposium, January 2009: "Crossing the Corpus Callosum: Neuroscience, Healing and the Arts"; trans-disciplinary panel discussion with experts and therapists from the fields of Music, Healing Arts and Sciences.

WKD World Knowledge Dialogue Symposium, Crans Montana, Switzerland, www.wkdialogue.ch/ September 2008. Young Scientist in Residence, Keynote address in "Means and Outcomes" session. Panel discussions & workshops with Nobel laureates, E.O. Wilson, Sir John Sulston, Christiane Nüsslein-Vollhard and Kofi Annan

WKD World Knowledge Dialogue Symposium, Crans Montana, Switzerland, www.wkdialogue.ch/ September 2006, Young Scientist in Residence

GSMA World Mobile Congress, Barcelona, Spain, February 7th-14th, 2008, attendee

IEEE Sarnoff Symposium on Communication Technology, Princeton University, NJ, April 28th-30th 2008, attendee

IEEE/Brown University/WoodsHole Collaboration, Spring Meeting on Underwater Acoustics&Communication, May 19th, 2008, panel discussion

Inter-Academia (Berklee College of Music / MFA Museum School); Curator and lecturer for seminar/workshop on Audio Hardware Hacking at the Music Synthesis Dept., Berklee College of Music and MFA Museum School, April 11th-13th, 2007. Collaborators: Roland Roos, MS; Derek Hoffend, MFA; Stephen Croes, Dean of Technology, Berklee College of Music

"Freex to Geex", Music Technology Division event at Berklee College of Music, co-sponsored by Boston Jazz week and Boston Cyberarts Festival, April 29th, 2007. Electro-acoustic performance with Olivia Block, production design and project planning

Swiss Consulate (Swissnex)/Boston Cyberarts Festival Collaboration, *Ideas in Motion*, April 21st-22nd, 2007, panel discussion