

education

degree

- 2005 **M.Sc Interactive Arts & Technology**, Simon Fraser University, Canada
 Graduate Association President (Summer 2003)
 Graduate Fellowship (Fall 2004)
 Member of Technology Subcommittee (Fall/Spring 2002/3)
 Researching the Sonification of virtual processes via the construction of augmented reality soundscapes. Researched sound design criteria for computer-mediated environments.
- 1994 **B.Sc (Hons) Computer Science**, University of Cape Town, South Africa
 1st Class Award
 Computer Science Merit List
 Distinction in Computer Science
 Faculty Merit List (1991)
 Department Merit List (1992-93)

selected works

collaborative

- 2015 **On The Trail**, SYNC3, 107 Projects Redfern, Sydney, AU
 Two Channel Video Installation & Web Site, w/ Danielle Gotell
- 2014 **Every day needs an urgent whistle blown into it**, AGO Toronto, Canada
 Generative Sound & Light Composition w/ Geoffrey Farmer
- 2013 **Look Into My Face...**
 Barbican London (2013)
 Vancouver Art Gallery (2015)
 Luminato Fest. Toronto (2015)
 Generative A/V Film w/ Geoffrey Farmer Studio
- 2011 **Let's Make the Water Turn Black**
 REDCA,T Los Angeles, (2011)
 Migros Museum für Gegenwartskunst, Zurich (2013)
 Nottingham Contemporary (2013)
 Kunstverein, Hamburg (2014)
 PAMM, Miami (2014)
 Vancouver Art Gallery (2015)
 Acquired - Private Collector
 Generative Sound Composition w/ Geoffrey Farmer
 featuring **Intermezzo** Original Audio/Light Generative Composition
- 2010 **Finally the Street Becomes the Main Character (Clock)**, *Time Structures*
 Musée d'art contemporain de Montréal
 Acquired - AGO, Toronto
 Generative Sound Composition w/ Geoffrey Farmer
- 2010 **Best Before** *PUSH Festival*, 9 City International Tour
 Theatrical Performance, Script Development & Software Design w/ Rimini Protokoll

- 2009 **Birds of a Feather** *Woman's Studies #9*, VIVO Media Arts Centre, Vancouver
Sonic and Movement Improvisation, w/ Dance Troop
- 2007 **Soft(n)**, Dutch Electronic Art Festival, Rotterdam, Netherlands
Interactive Sound w/ Thecla Schiphorst
- 2006 **Tree Studies** Gwang-Ju Biennale of Art, Korea
Emergent Soundscape Composition w/ Chris Welsby
- 2006 **Doppler Corridor** *eyeTeasers Video iPod Exhibition*, TEAS, Vancouver
Peoples Choice Award
Video & Audio w/ Steven Calvert
- 2006 **Trees In Winter** *Images Festival*, Harbour Front Gallery, Toronto
Emergent Soundscape Composition w/ Chris Welsby
- 2005 **exhale (breath between bodies)** SIGGRAPH, San Francisco
Interactive Sound Composition w/ thecla schiphorst

group shows

- 2012/5 **We Are With You: Mirror/Snow**,
Light Illuminating Art and Science, Science World Vancouver, (2014/15)
Points of Vision >> Beyond the 2nd Dimension, VIVO Media Arts Centre, (2012)
3D Kinetic Installation
- 2009 **Ritual and Abstraction: Death to the Purists** and **Les Suites: Loneliness in a New City after Betrayal at Home** appear in **Theatre of Cruelty** by Geoffrey Farmer, *Caught in the Act: The Viewer as Performer*, Acquired - National Art Gallery, Ottawa
Soundscape and Generative Light Compositions
- 2008 **Pointing**, *Votes for Sleep Walkers*, VIVO Media Arts Centre, Vancouver
Residency, Interactive Sculpture & Artist Talk
- 2007 **I am Listening** *Open Sound*, Surrey Art Gallery
Commissioned & Acquired (2009)
Listening Light Sculpture
- 2004/5 **Found**, w/ Igor Santizo
Found Data Object, BLIM, Vancouver
Sonic Design Evening, New Forms Festival 2004, Vancouver
- 2003 **Lost**
UnDEAF, Rotterdam, Netherlands (2007)
Signal and Noise, Vancouver (2004)
Found Data Object, BLIM, Vancouver (2003)
(Re)design Festival, Sugar and Sugar, Vancouver (2003)
Interactivity Lab, Simon Fraser University, Surrey (2003)
Ambient Audio Video Installation
- 2003 **Grow-Op**
Prince Takamodo Gallery, Tokyo, Japan
Grass, Light & Wood Table/Sculpture

radio

executive

- 2015... **Community Radio Education Society** Vancouver
Board Member, Treasurer (2016...)

2008 **CFRO Coop Radio Board Member**, Vancouver
Board Member, Vice President (2014)

programming

2005... **The Soundscape**, CFRO COOP Radio Vancouver
Part for a 4 person collective, who produce a weekly 1 hour radio show and podcast.

education

2011 **Radio Activism**, Media Democracy Days, Vancouver
Workshop on guerrilla FM broadcasts w/ Sarah Buchanan

2008... **Control Room Training & Testing**, CFRO Vancouver
Training and Certification of new Control Room Operators

public presentations

2012 **Open Studio Artist Talk** with Geoffrey Farmer, Brady Marks and Heike Munder and **Show Me The Wires**, Interactive and Generative Approaches to Contemporary Art Making
Migros Museum für Gegenwartskunst, Zurich.

2011 **Why Technological Determinism Sucks, and What We Can Do About It.**
Art Bank, Vancouver
Artist Talk

2010 **Interface, Intuition & Subversion: Reflection on 3 Roles of Art with Technology**
SFU SIAT, Surrey
Guest Lecture

2010 **Themes and Variations, Reflections on Contemporary (New Media) Art**
SFU Contemporary Arts, Burnaby
Guest Lecture

2009 **NOISE Artist Talk: The Science of Sound**
VIVO Media Arts Centre, Vancouver
Panel Discussion Moderator

2003 **How to Endure Intensity**
Emily Carr University of Art + Design, Vancouver
Lecture/Performance

residences

2013 **Media Arts Committee Compositional Residency**
Community Radio Education Society, Vancouver
Commissioned: Soundscape Composition

2012 **Swimming in Data**, VIVO Media Arts Centre, Vancouver
Interactive 3D Animated Sculpture, Art Researcher