

Levy Lorenzo

performer | electronics & sound engineer | instrument designer

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STONY BROOK UNIVERSITY

2014 **D.M.A.** Doctor of Musical Arts - Percussion and Electronics Performance

2009 **M.M.** Master of Music - Percussion Performance

CORNELL UNIVERSITY

2003 **M.Eng.** Master of Engineering - Electrical & Computer Engineering

2002 **B.S.** Bachelor of Science - Electrical & Computer Engineering

ELECTRONIC MUSICAL INSTRUMENTS

2014 **iAlvin** - iPhone app - chamber ensemble
Play slight changes in pitch via tilt to create Lucier-esque acoustic phenomena

2012 **Modified Attack** - Joysticks and MAX/MSP
Play electronic sounds and manipulate pitch, volume, rhythm with a joystick.

2010 **FM Koala** – QWERTY Keyboard, Mouse, Frequency Modulation, and MAX/MSP
Play frequency modulated sine waves with your laptop keyboard and mouse.

2010 **Air Marimba** - Infrared Distance Sensors, Rosewood, Arduino
Play the air to control volume, pitch, and rhythm of marimba sounds.

2009 **Teacups and Light** - Light Sensors, Teacups, MAX/MSP, microcontroller
Use teacups to play with volume, frequency and rhythm of custom synth.

2008 **Record Player** - junXion hardware interface, LiSa software, Vinyl Record
Bend and press a physical vinyl record to manipulate electronic samples

2003 **Hamster Controlled MIDI sequencer** -IR sensors, microcontroller, 6 hamsters
Hamster movement and position control compositional music algorithms

MUSIC COMPOSITION

2013 **Brain Change** – quartet for joysticks and MAX/MSP

2012 **Dubble** – duo for joysticks and MAX/MSP

2011 **Where/When** – duo for FM Koala and acoustic instrument

2011 **Nothing to Say** – duo for FM Koala laptop instruments

2011 **Ampaction** – duo with Elad Schniderman for found objects & feedback

2010 **Play the Air Above the Bars** - solo

2009 **Improvisation for Teacups and Light** - solo

ELECTRONICS / SOUND INSTALLATION - selected

2014 **I-AM-I** - *Ligoran-Reese Studio* – Interactive Fitness Controlled LED Sculpture

2013 **Many Moons** – Interactive Colored Lanterns that respond to movement

2012 **Buckyball** - *Leo Villareal Studio* – Large Scale LED Sculpture Installation

2010 **Song of the Tides** - Sonification of Tidal data

2009 **Miss You** - Twitter controlled robotics

PERFORMANCE PROJECTS - selected

2010 - present **International Contemporary Ensemble** - engineering / electronics / percussion

2012 – present **Radical 2** – percussion / electronics / theater duo - *founding member*

2010 - present **Levy Lorenzo Solo Set** – percussion / custom electronics

SOUND / ELECTRONICS ENGINEERING

- 2014 **In the Light of Air**, by Anna Thorvaldsdottir - HARPA - Reykjavik, Iceland - ICE Ensemble
Designed custom software to allow the acoustic sounds to control lighting
- 2014 **Alvin Lucier Residency** - Museum of Contemporary Art - Chicago, IL - ICE Ensemble
Engineered and performed realizations for 3 day exhibit of electro-acoustic works by Alvin Lucier
- 2012 **Olga Neuwirth Portrait Concert** - Miller Theater - New York, NY - ICE Ensemble
Engineered 13.1 speaker system for US Premiere of "...Ce Qui Arrive..."

PROFESSIONAL EXPERIENCE

- 2013-present **Claire Chase - DENSITY** – Sound Engineer - New York, NY
Perform & manage technical live-sound requirements for an internationally touring classical flutist.
- 2011-present **International Contemporary Ensemble (ICE)** – Sound Engineer - New York, NY
Perform & manage technical live-sound requirements for an internationally touring classical chamber ensemble.
- 2012 - present **Ligorano-Reese Studio** – Electronics Engineer - New York, NY
Engineered Electronics hardware design for mixed media art installations.
- 2012 - 2013 **Leo Villareal Studio** – Electronics Engineer - New York, NY
Manage electronics operations in the LED Sculpture studio of a renowned public artist
- 2012 **Issue Project Room** - Sound Engineer- New York, NY
Engineer live-sound requirements at an experimental performance art venue
- 2012 **Parallel Development** – Electronics Engineer - New York, NY
Designed schematics and printed circuit boards for a metal and electronics fabrication
- 2004 - 2006 **Bose Corporation** - Embedded Software Engineer - Boston, MA
Worked in large (50+) engineering team to design custom car stereo head unit for Ferrari

TEACHING

- 2011- 2012 **Mindful Tutors** – Calculus and Physics Tutor - New York, NY
Worked with high-school calculus and physics students in weekly one-on-one sessions
- 2011 **Mathnasium** – Math Tutor for Grades K-12 - New York, NY
Taught the basics of arithmetic to children in weekly one-on-one sessions
- 2010 - 2011 **Stony Brook University** - Computer Music Studio Consultant
Sound engineering consultant for concert support for the entire Department of Music.
- 2009 - 2010 **Stony Brook University** - Undergraduate Percussion Instructor
Taught and managed a of small studio undergraduate percussion students.
- 2003 **Cornell University** – Lab Assistant - Introduction to Digital Systems Course
Worked with students learning the basics of electronics

LECTURE / PRESENTATION - "Electronic Instrument Design and Performance"

- 2014 Princeton University- So Percussion Summer Institute
- 2014 New York University (New York, NY) - Waverly Labs
- 2013 McGill University (Montreal, Canada)- Input Devices and Musical Interaction Laboratory
- 2013 Universidad Federal de Minas Gerais (Belo Horizonte, Brazil)
- 2013 Columbia College (Chicago, IL)
- 2013 Dartmouth College (Hanover, NH)
- 2013 American University (Washington, DC)
- 2011 Stony Brook University (Stony Brook, NY) - Doctorate Lecture-Recital

PRESS / AWARDS

- 2010 **SPUREN** (Schwaz, Austria) monthly publication,
"inspiration and enthusiasm for the next generation of musicians"
- 2005 **BBC Ecuador** – radio interview – Hamster MIDI project
- 2005 **G4TV Network** – Attack of the Show – TV interview - Hamster MIDI project
- 2002 + 2003 **Ellen Gusman Musica Award** – Cornell University