

# CHARLES VEASEY

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## EDUCATION

Master of Fine Arts in Electronic Arts, 2008  
Rensselaer Polytechnic Institute - Troy, NY  
Thesis: Geographic Soundscape Morphology  
Advisor: Neil Rolnick  
Committee Members: Dr. Pauline Oliveros, Annea Lockwood, Michael Century

Bachelor of Science in Visual Communications Technology, 2006  
Minor in Audio Recording Technology  
Bowling Green State University - Bowling Green, OH  
Senior Research: Three-dimensional Audio and Visualization  
Advisor: Dr. Elaine Lillios

## TEACHING EXPERIENCE

2006  
Rensselaer Polytechnic Institute - Troy, NY  
Teaching assistant to Kathleen Ruiz  
ARTS-1020: Introductory studio arts course in digital imaging, web design, and multimedia

2006  
Harvestworks - New York, NY  
Private tutor, teaching assistant to Daphne Natalia and Cory Arcangel  
MaxMSP, Final Cut Studio, sound engineering, web design

## WORK HISTORY

2008-2011  
Independent Software Developer, Multimedia Producer, and Consultant

2007  
Rensselaer Polytechnic Institute - Troy, NY  
Teaching assistant to Kathleen Ruiz, Research assistant to Shawn Lawson

2006  
New Media and Emerging Technologies - Bowling Green, OH  
Developer of three-dimensional audio software suite and plug-ins

2005  
Deep Listening Institute - Kingston, NY  
Multimedia producer and technical assistant to Pauline Oliveros  
Harvestworks - New York, NY  
Multimedia producer and private tutor

## AWARDS

2008  
Full Scholarship and Fellowship  
Rensselaer Polytechnic Institute - Troy, NY

2007  
Full Scholarship, Teaching and Research Assistantship  
Rensselaer Polytechnic Institute - Troy, NY

2006  
Undergraduate Research Award  
Bowling Green State University - Bowling Green, OH

## **PUBLICATIONS**

2008  
*Hudson Mohawk Sound Gate: Geographic Soundscape Morphology* - Rensselaer Polytechnic Institute - Troy, NY

## **LECTURES AND SYMPOSIUMS**

2006  
*Ambisonics: Techniques in 3D Audio*  
Undergraduate Research Symposium - Bowling Green State University - Bowling Green, OH

## **SOLO EXHIBITIONS AND PERFORMANCES**

2009  
*HMSG Radio* - WRPI 91.5 FM - Troy, NY  
Weekly cut-up compositions

2008  
*HMSG Installation #2* - iEAR Gallery - Troy, NY  
Eight-channel 3D electroacoustic interactive installation  
*HMSG Concert #2* - EMPAC - Troy, NY  
24.4 channel 3D electroacoustic soundscape composition

## **COLLABORATIVE EXHIBITIONS AND PERFORMANCES**

2011  
*HMSG Spiral Map* - Currents 2011 - Santa Fe, NM  
Soundmap web art with J. Craig Tompkins  
*HMSG Spiral Map* - Fonland 2011 - Coimbra, Portugal  
Soundmap web art with J. Craig Tompkins  
*HMSG Spiral Map* - Dynamic Formulations Film Festival - Dekalb, IL  
Video version of soundmap web art with J. Craig Tompkins  
*HMSG Spiral Map* - Field Recording Workshop - Scottish Music Centre - Glasgow, UK  
Soundmap web art with J. Craig Tompkins

2010  
*Retrieving Humanity* - Santa Fe Complex - Santa Fe, NM  
Worldwide telematic installation  
*Simple Things* - Korean Nation University of Arts - Seoul, South Korea  
Soundtrack for eight-channel video installation by Bo-Kyung Suh  
*My Human Being* - Goddard College - Plainfield, VT  
Soundtrack for performance video by Rebecca Weisman

2009  
*Into the Unknown* - MOV-iN Fine Arts Gallery - Santa Fe, NM  
Motion tracking and video feedback development for Ethan Bach's interactive installation  
*Sacred Harp Radio Hour* - WRPI 91.5 FM -  
Sound engineer and radio host for sacred harp choir concert, directed by Jesse Pearlman Karlsberg  
*Collaborate* - Projected Light - Santa Fe Complex - Santa Fe, NM  
Soundtrack for experimental video by Ethan Bach

*HMSG Installation #3* - The Re-arting of Troy Festival - Troy Public Atrium - Troy, NY  
Four-channel electroacoustic installation

*Transpose MR* - Center for Biotechnology - Troy, NY  
Sound recordist for multimedia sculpture by J. Craig Tompkins

*Daily Bell Radio Project* - free103point9 - Hudson, NY  
Sound recordist for soundscape radio piece, directed by Brenda Hutchinson

2008

*On The Road* - Athabasca Glacier, Jasper National Park, CA  
Sound recordist for performative interviews with Ethan Bach

2007

*HMSG Concert #1* - May 4th - Rensselaer Polytechnic Institute - Troy, NY  
Six-channel electroacoustic composition

*HMSG Installation #1* - Involuntary - Rensselaer Polytechnic Institute - Troy, NY  
Sculptural sonic objects

*Obsequi: Caput, Cor, Corpus* - The Abandoned St. Joseph's Church - Albany, NY  
EKG performance for Alex Chechile's Musical Biofeedback System

*Wandering Thoughts of the Endless Earth* - We Have DARPA Funding, Get in the Van - iEAR Concert Hall - Troy, NY  
Eight-channel electroacoustic composition

*Decomposed Piano* - Troy Night Out - Abandoned Warehouse - Troy, NY  
Piano board performance with Alex Chechile

*Experimental Folk Music Concert* - Breitenbush Hot Springs - Breitenbush, OR  
Voice, banjo, guitar, and harmonica performance with Diane Cline performing voice and violin

2006

*Wandering Thoughts of the Endless Earth Installation* - Exhibitol - Rensselaer Polytechnic Institute - Troy, NY  
Three-dimensional electroacoustic immersive environment

*Kashmir Earthquake Benefit Concert* - Toledo, OH  
Voice and guitar performance with Diane Cline performing voice and violin

2005

*Tintinnabulate* - iEAR Concert Hall - Troy, NY  
Experimental music ensemble and concert, performing guitar and electronics

*Transmutations* - Bryan Recital Hall - Bowling Green, OH  
Real-time audience sampling electroacoustic performance

2004

*World Music Concert* - University of Michigan Concert Hall - Ann Arbor, MI  
Balinese Gamelan Ensemble

*World Music Concert* - BGSU Concert Hall - Bowling Green, OH  
Balinese Gamelan Ensemble

2003

*Music Sounding From an Empty Reed or Mushrooms Rising From the Cold Dark Earth* - Bryan Recital Hall - Bowling Green, OH  
Two-channel electroacoustic composition

*El Lizzitsky* - BGSU Film Festival - Bowling Green, OH  
Documentary video

## **RESEARCH AND DEVELOPMENT**

2011

Fulldome Production Research

### *Field Recordist Archive*

Development of server-based database archival application for audio field recordings

### *Hmsg Spiral Map*

Development of soundmap multimedia web application

JavaScript Game Development

2010

### *Retrieving Humanity*

Network infrastructure and software development for audio/video telematic performance software

2009

### *Into the Unknown*

Development of motion tracking and video feedback system

Programming assistant to Ethan Bach

2008

### Multichannel Audio Research

Research assistant to Travis Johns

Rensselaer Polytechnic Institute

### GUI Design and Programming for Computer Musical Instrument

Research and programming assistant to Dafna Naphtali

Rensselaer Polytechnic Institute

2007

### Computer Imaging Research

Research assistant to Shawn Lawson

Rensselaer Polytechnic Institute

### FFT Analysis for EEG Musical instrument System

Programming assistant to Alex Chechile

Rensselaer Polytechnic Institute

2006

### 3D Audio Research and Software Development

Research assistant to Dr. Elaine Lillios

Bowling Green State University

2005

### Telepresence Performance Systems

Research assistant to Dr. Pauline Oliveros

Deep Listening Institute

### Physical Computing Research and Multimedia Software Development

Harvestworks

## **TECHNICAL SKILLS**

### *Web Design and Development (9+ years)*

XHTML, XML, CSS, jQuery, AJAX, Flash, Graphic Design, Info Design, W3C Standards

### *Programming (7+ years)*

Max, Java, C++, OpenGL, JavaScript, ActionScript, PHP, SQL

### *Audio (7+ years)*

DSP Programming, Recording, Mixing, Mastering, Sound Design, Composition, Film Scoring, 2D/3D Surround

### *Interactivity (7+ years)*

Physical Computing, Electronics, Camera Tracking, GUI Design and Development