# Peter M. Traub

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## EDUCATION

**University of Virginia**
Ph.D., Composition and Computer Technologies, 2010
Dissertation: "Spatial Exploration: Physical, Abstracted, and Hybrid Spaces as Compositional Parameters in Sound Art"
Committee: Judith Shatin, Matthew Burtner, Ted Coffey, and Earl Mark

**Stanford University**
Non-degree-seeking visiting researcher, 2002 - 2003

**Dartmouth College**
M.A., Computer Music, 1999
Thesis: "*bits & pieces:* A Sonic Installation for the World Wide Web"
Composition Teachers: Jon Appleton, Charles Dodge, Larry Polansky, Christian Wolff

**University of Florida**
B.A, English, 1997 (Magna Cum Laude)
Concentration in creative writing and critical theory
Additional coursework in electro-acoustic music composition with James P. Sain

## HONORS, AWARDS, FELLOWSHIPS, AND GRANTS

Graduate School of Arts and Sciences Dissertation Year Fellowship, 2009 - 2010
Double Hoo Grant from the University of Virginia, 2010
University of Virginia Award for Excellence in Scholarship, 2008
Husky Graduate Student Travel Award, 2006, 2008, 2009
SEAMUS/ASCAP Student Commission Competition Finalist, 2006
Jefferson Fellow at the University of Virginia, 2004 - 2008
Full Scholarship and Stipend, Dartmouth College, 1997 - 1999
National Merit Scholar, 1993 - 1997
Florida Undergraduate Scholarship, 1993 - 1997
University of Florida Alumni Scholarship, 1993 - 1997
Member of Golden Key National Honor Society, 1997
Member of Sigma Tau Delta English Honor Society, 1997

University of Florida Phi Beta Kappa Creative Achievement Award, 1997

**INSTALLATIONS**

*Curve* (2010). Four-channel site-specific installation for an echoing curved wall.

*Chirp! : playing summer in winter* (2010). Summer-evoking installation to surround improvising
musicians. For performance on a cold winter evening.

*Sound Study at the Center of the End of Things* (2010). Interactive four-channel installation.

*Solera: for sound, site, and time* (2009). Four-channel, four-microphone
time-accumulating installation.

*Panta Rhei* (2008). An interactive light and sound sculpture in collaboration with Lanier Sammons.

*ItSpace (gallery version)* (2008). A live physical installation based on the online *ItSpace* project.

*ItSpace* (2007). An online participatory sound installation within MySpace.com.
Commissioned by the Networked_Music_Review.
http://transition.turbulence.org/Works/itspace

*Discordia* (2003*)*. A new media/arts/technology weblog.
International collaboration with five other theorists and artists.
http://www.discordia.us

*sibling revelry* (2001). Web-based interactive sound installation.
Collaboration with Gregory Traub.
http://www.fictive.org/sr

*NetSong* (2000). Web-based sound installation for synthesized voice and search engine.
Collaboration with Amy Alexander.
http://www.netsong.org

*bits & pieces* (1999). Web-based sound installation for processing Internet audio samples.
http://www.fictive.org/bits

**COMPOSITIONS**

*Passages and Recesses* (2010). For solo flute and network-connected spaces.

*Study No. 1 for Bodies, Metal, and Air* (2010). Live performance for dancers and sculptural objects. Collaboration with Dinah Gray (choreographer).

*reMix House* (2007). Commissioned composition for the *Mix House* project by Karen Van Lengen (architect), Joel Sanders (architect), and Ben Rubin (new media artist).

*convergence* (2007). For multichannel computer generated tape.

*nodes* (2006). For violin, oboe, and network-connected spaces.

*next ground loop* (2006). For violin, viola, cello, piano, and Internet feedback.

*ground loops* (2005). For solo percussion and Internet feedback.

*rarefractions* (2005). For percussion trio (vibraphone, marimba, and glockenspiel).

*points of interest* (2005). For solo trombone.

*bassoonism* (2004). For solo bassoon.

*portfoliosis* (2003). Eight-channel computer generated tape piece.

*10five1* (2003). Computer generated tape piece.

*etude no. 4* (2002). Computer generated tape piece.

*retour* (2002). Eight-channel computer generated tape piece.

*aurora* (1999). Processed Internet sound.

*bass cable* (1999). Computer generated tape piece.

*cable* (1999). Computer generated tape piece.

*experiment on unknown sample* (1999). Processed Internet sound.

*Jonestown* (1999). Tambourine, voice, and real-time computer processing.

*gate study no. 1* (1998). Computer processed voice.

*piano installation* (1998). Computer controlled piano.

*trilogy* (1998). Computer generated tape piece.

*Stutter* (1997*).* Computer generated tape piece.

*water retention* (1996). Computer generated tape piece.

*C-Span* (1996*).* Computer generated tape piece.

*Evolution123* (1996). Computer generated tape piece.


**EXHIBITS**

*Curve*. Installation for the echoing balcony wall of Old Cabell Hall at the University of Virginia, Charlottesville, May 4, 2010.

*Sound Study at the Center of the End of Things*. "The Center for the Study of the End of Things" Symposium, Charlottesville, February 12, 2010.

*Solera.* Installation in the lobby of Ruffin Hall at the University of Virginia, Charlottesville. Oct. 26 – Nov. 14, 2009.

*Panta Rhei*. Spark Festival, University of Minnesota, February 17 – 22, 2009.

*ItSpace*. Technosonics @ Live Arts, Charlottesville, November 14, 2008

*Panta Rhei*. Technosonics @ Live Arts, Charlottesville, November 14, 2008.

*ItSpace.* 'Audio January,' The Bridge Progressive Arts Initiative, Charlottesville, VA, 2008.

*NetSong*. 'Transcodex,' Boston CyberArts Festival, April 2003.

*bits & pieces.* 'Kontrollfelder' (Control Panels): Programming as an Artistic Practice, Dortmund, Germany, April 2002.

*bits & pieces*, 'transmediale.02 [go public!]' - International Media Art Festival, Berlin, 2002.

*bits & pieces*. Art on the Net 2001: Post-Cagian Interactive Sounds, Machida City Museum of Graphic Arts, Tokyo, October 2001.

*NetSong*. Art on the Net 2001: Post-Cagian Interactive Sounds, Machida City Museum of Graphic Arts, Tokyo, October 2001.


*bits & pieces.* 'Media@terra,' International Art and Technology Festival, a moving festival traveling through Eastern and Central Europe. 2001.

*NetSong.* European Media Arts Festival, Osnabrück, Germany, April 2001.

*NetSong*. 'CADE' Festival, Glasgow School of Art, Scotland, April 2001.

*bits & pieces*. 'immedia1901,' Digital Art Exhibition, Univ. of Michigan, 2001.

*NetSong*. 'Net.congestion,' festival, Amsterdam/Internet, October 2000.

*bits & pieces.* 'net condition,' Center for Art and Media, Karlsrühe, Germany, 2000.

*bits & pieces*. '<img_src>,' Art Center College of Design, Pasadena, CA, May 2000.


**PERFORMANCES**

*Study No. 1 for Bodies, Metal, and Air*. McGuffey Art Center, Charlottesville, March 5, 2010.

*ground loops.* Percussive Arts Society International Conference (PASIC). Mike Schutz performing, Indianapolis, IN, November 11, 2009.

*ItSpace* (concert version). Noise in the System, McGuffey Art Center, Charlottesville, November 2, 2007.

*ground loops.* Alvin Lucier and Friends, Mike Schutz performing, University of Virginia, September 16, 2006.

*ground loops.* Society for Electro-Acoustic Music in the United States (SEAMUS) National Conference, University of Oregon, March 30, 2006.

*next ground loop*. The NeXT Ensemble, University of Virginia, March 23, 2006.

*ground loops.* Digitalis, Mike Schutz performing, University of Virginia, May 3, 2005.

*rarefractions.* Talujon Percussion Quartet, University of Virginia, March 25, 2005.

*retour.* Florida Electro-Acoustic Music Festival, University of Florida, April 3, 2004.

*portfoliosis.* SEAMUS National    Conference, San Diego State University, March 27, 2004.

*portfoliosis.* CCRMA Fall Concert, Stanford University, October 29, 2003.

*retour.* 'Woodstockhausen,' University of California Santa Cruz, September 27, 2003.

*etude no. 4.* 'Woodstockhausen,' University of California Santa Cruz, September 27, 2003.

*etude no. 4.* 'The Electric Rainbow Coalition' festival, Dartmouth College, August 23, 2003.

*retour*. SEAMUS concert, International Electro-Acoustic Music Festival, Bourges, June 7, 2003.

*retour.* 'The Washington Invitational,' University of Washington, June 7, 2003.

*retour.* CCRMA Winter Concert, Stanford University, February 13, 2003.

*Jonestown*. Festival of New Musics, Dartmouth College, April 29, 1999.

*trilogy*. SEAMUS National Conference, San Jose Sate Univ., San Jose, California, March 28, 1999.

*Jonestown*. World Music Hall, Wesleyan University, Middletown, Connecticut, 1999.

*trilogy.* 'Unbalanced Connection 6,' University of Florida, February 19, 1999.

*gate study no. 1*. Hopkins Center, Dartmouth College, 1998.

*water retention*. 'the two-sided triangle' concert, Institute for Computer and Electronic Media, Essen, Germany, May 1998.

*trilogy.* Hopkins Center, Dartmouth College, 1998.

*Stutter.* Sixth Annual Florida Electro-Acoustic Music Festival, Univ. of Florida, 1997.

*Evolution123.* Fifth Annual Florida Electro-Acoustic Music Festival, Univ. of Florida, 1996.


**EMPLOYMENT**

*Concert Recording Engineer (part-time, 2005 – 2009)*
Staunton Music Festival
Staunton, VA

> Onsite recording of annual summer festival concerts. Produced archival CDs for the festival's organizers.

*Software Engineer (January 2004 – July 2004)*
Vindicia, Inc.
San Mateo, CA

Implemented a scalable OpenLDAP-based authorization system to control internal and external access to Vindicia's servers. LDAP database was synchronized with a central Postgres database (utilizing Perl modules) and used database replication to synchronize between the master authorization server and individual LDAP servers running on workstations, web servers, and database servers.

*Software Development Architect* (June 2002 – January 2004)
The Betty Mills Company
San Mateo, CA

Sole technical lead and systems administrator for The Betty Mills Company. Responsibilities included: back and front-end development of retail website, maintenance and backup of Linux-based production webserver, development of MySQL database, internal system administration, designing and writing database-driven features for live site, designing and writing back-end administrative features to streamline customer service, sales, and accounting.

*Web Applications Engineer* (contract) (March 2002 – June 2002)
Cogneo
San Mateo, CA

Wrote and integrated Perl-based applications for clients. Responsibilities included system administration of client servers and development of database-driven applications.

*Senior Software Engineer* (September 1999 – August 2001)
Zack Systems
San Mateo, CA

Created database-driven front and back-end applications and libraries for the Zack Proxy Platform utilizing Object Oriented Perl, CGI, MySQL, Javascript and HTML. Designed, specified, and wrote a shared browsing and chat application, allowing multiple users to enter a single chat room and browse the web via a linked browsing mechanism. Application development Project Manager for Zack's key Enhanced Services Server.


**PRESS**

"Peter Traub's sound sculpture is something to shout about". Fitzgerald, Brendan. C-Ville.
No. 21.44. Nov. 3rd, 2009.
http://www.c-ville.com/index.php?cat=11801003094014031&ShowArticle_ID=11800211093429550

"Composer and Installation Artist Peter Traub Explores Sound, Space and Time". Ford, Jane. UVA Today. October 26th, 2009. http://www.virginia.edu/uvatoday/newsRelease.php?id=10118

"Objects Sing at *ItSpace*". Radio segment produced by Jesse Dukes for Hearing Voices. Played on National Public Radio's "Day to Day", February 25th, 2008. http://www.npr.org/templates/story/story.php?storyId=19338285

## PRESENTATIONS

Guest remote lecturer (via Skype) on physical, abstracted, and hybrid spaces in sound art. Digital Arts Program at The University of the Witwatersrand, Johannesburg, South Africa. October 27th, 2010. http://www.youtube.com/user/witsdigitalarts#p/c/F10AA31568837734/0/xtMfGG1Vd_Q

Guest lecturer on early network music. The Arts and Technology (undergraduate class at UVA). March 23rd, 2010.

Guest lecturer on network music. Digital Vernacular Music-Culture (undergraduate class at UVA). January 8th, 2009.

Opening speaker at Programmable Media II Symposium. Pace University, NYC. April 11, 2008.

## PUBLICATIONS

Traub, P. 2005. *Sounding the Net: Recent Sonic Works for the Internet and Computer Networks.* Contemporary Music Review. Vol. 24, No. 6, December 2005, pp. 459 – 481.

Traub, P. 1999. *bits & pieces: A Sonic Installation for the World Wide Web.* M.A. in Electro-Acoustic Music Thesis, Dartmouth College, May 1999.

## INTERVIEWS

Traub, P. 2009. *Interview: Natasha Barrett*. Networked_Music_Review. http://turbulence.org/networked_music_review/2009/04/19/interview-natasha-barrett/

Traub, P. 2008. *Interview: Jeff Talman*. Networked_Music_Review. http://turbulence.org/networked_music_review/2008/08/19/interview-jeff-talman/

Traub, P. 2008. *Interview: Karen Van Lengen*. Networked_Music_Review.
http://turbulence.org/networked_music_review/2008/05/29/interview-karen-van-lengen/

Traub, P. 2008. *Interview: Stephen Vitiello*. Networked_Music_Review.
http://turbulence.org/networked_music_review/2008/03/16/interview-stephen-vitiello/

Traub, P. 2007. *Interview: Bill Fontana*. Networked_Music_Review.
http://turbulence.org/networked_music_review/2007/11/01/interview-bill-fontana/

Traub, P. 2007. *Interview: Cardiff + Miller*. Networked_Music_Review.
http://turbulence.org/networked_music_review/2007/09/20/interview-janet-cardiff-and-george-bures-miller/

Traub, P. 2005. *Interview: Golan Levin* (reprinted). Networked_Music_Review.
http://turbulence.org/networked_music_review/2008/01/31/interview-golan-levin/

Traub, P. 2005. *Interview: Max Neuhaus* (reprinted). Networked_Music_Review.
http://turbulence.org/networked_music_review/2007/08/20/interview-max-neuhaus/

**TEACHING**

University of Virginia
MUSI 435: Interactive Media (TA). Taught by Prof. Matthew Burtner.

MUSI 205: American Musical Mavericks (TA). Taught by Prof. Matthew Burtner.

MUSI 235: Technosonics – Digital Music (TA). Taught by Prof. Matthew Burtner.

MUSI 339: Introduction to Computer Music (TA). Taught by Prof. Matthew Burtner.

Dartmouth College
CC 12: Music and Computers (TA). Taught by Visiting Prof. Jean Piché.


**EVENTS**

"Love 4 Haiti: A spectacular night of art, music, and dance to raise funds for Haitians in need"
January 23rd, 2010
Charlottesville, VA
http:// love4haiti.petertraub.net

Co-organizer with Wendy Hsu. "Love 4 Haiti" featured performances by local artists, an art auction, food, and drink. The event raised $8,500 in donations for charities working in the aftermath of the devastating January 12th earthquake.

**REFERENCES UPON REQUEST**