

CV

Chris Brown
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Interests:

Composition and improvisation, piano performance, interactive electronic music, interactive music software and instrument building, microtonality and alternative tuning systems, sound installations, algorithmic composition, twenty-first century performance practice, world musics.

Career Summary:

I am a composer, pianist, and electronic musician, creating music for acoustic instruments with interactive electronics, for computer networks, and for improvising ensembles. Collaboration and improvisation are consistent themes in my work, along with the invention and performance of new electronic instruments and software. I am a founding member of The HUB, the pioneering network music ensemble, and have composed many works for acoustic instruments with interactive computer, notably for the percussionist William Winant (*Iconicities*, New World Records.) I improvise with piano and my interactive signal processing system in a trio with Winant and German saxophonist Frank Gratkowski which was featured on the 2009 Donaueschingen Musiktage festival. My recent music also explores microtonal tunings, including *6Primes*, for piano in 13-limit just intonation, *Arcade* for string quartet (premiered by the Arditti Quartet), and *Ragamala Chiaroscuro II*, for wind trio. Recordings of my music are available on New World, Tzadik, Pogus, Intakt, Rastascan, Ecstatic Peace, Red Toucan, SIRR, Leo, and Artifact labels.

In nearly three decades of composing for acoustic instruments with live electronics and with interactive computer networks, I have developed many pieces that require musicians and machines to listen and respond to each other. The software and the score together specify all the required musical materials, including the electronic sounds rendered in real-time by the computer. Taking advantage of the standardization of electronic music hardware, and with over ten years of programming in the open-source SuperCollider audio programming language, I am currently working to create a repertoire of interactive music compositions that can be performed by any adventurous musician. I wish to contribute to an emerging maturity of interactive art that explores our embedded relationship with musical machines.

I have performed and recorded music by Henry Cowell, Luc Ferrari, José Maceda, John Zorn, David Rosenboom, Larry Ochs, Glenn Spearman, and Wadada Leo Smith; as an improviser I have performed and recorded with Pauline Oliveros, Fred Frith, Rova Saxophone Quartet, Ikue Mori, Alvin Curran, Anthony Braxton, Marilyn Crispell, Barry Guy, Dave Douglas, Otomo Yoshihide, Nels Cline, Carla Kihlstedt, among many others.

Since 1990 I have taught electronic music, composition, music theory, world music, and contemporary performance practice at Mills College in Oakland, where I am currently Professor

of Music and Co-Director of the Center for Contemporary Music (CCM). I have also served there for five years as the Chair of the Mills Music Department. My articles on live electronic music have appeared in the *Computer Music Journal* and the *Leonardo Music Journal*, as well as in compilations including *Arcana: Musicians on Music* (Granary Books) and *At A Distance: Precursors to Art and Activism on the Internet* (MIT Press). I have produced three recordings of music by the Filipino composer and ethnomusicologist José Maceda, and have performed, written and lectured in the U.S. on his music.

Education:

- 1985 M.F.A., Electronic Music and Recording Media, Mills College, Oakland. Studied computer music with David Rosenboom.
- 1974 A.B., University of California/Santa Cruz with Honors in Music. Studied composition and electronic music with William Brooks and Gordon Mumma.

Academic Appointments:

- 1990-14 Professor of Music and Co-Director of the Center for Contemporary Music Mills College, Oakland, California.
- 2011-13 Music Department Head, Mills College.
- 2002-03 Music Department Head, Mills College.
- 1997-98 Music Department Head, Mills College.
- 1985-92 Assistant Professor, San Francisco Art Institute, teaching Computer Arts and Electronic Music in the New Genres Dept.

Writings:

- 2012 *In the Beginning*, by David Rosenboom, 3CD box set, New World Records, program notes by Chris Brown.
- 2010 *Frisch, lebendig und überraschend, Studieren bei Gordon Mumma*, by Chris Brown, MusikTexte 122, Cologne.
- 2009 *...Plymouth Rock...*, by David Rosenboom, 2CD release, New World Records, program notes by Chris Brown.
- 2007 *Future Talk*, by David Rosenboom, New World Records, program notes by Chris Brown.
- 2007 *Arcana 2*, editor of an article by Phillippine composer José Maceda, Granary Books.
- 2006 *Some Thoughts about Improvising*, Contemporary Music Review, Volume 25, Numbers 5 & 6, Routledge.
- 2005 *Computer Network Music Bands: A History of the League of Automatic Music Composers and the Hub*, with John Bischoff; chapter 17 in "At a Distance: Precursors to Art and Activism on the Internet", MIT Press.
- 2002 Aug. *Indigenous to the Net: Early Network Music Bands in the Bay Area*, with John Bischoff, Crossfade website, <http://crossfade.walkerart.org/brownbischoff/index.html>
- 2000 Feb. *Talking Drum: A Local Area Network Music Installation*, Leonardo Music Journal, vol. 9, MIT Press.
- 2000 Feb. *Pidgin Musics*, chapter 7 in *ARCANA- musicians on music*, edited by John Zorn, Granary Books/Hip's Road.
- 1996 June *Bringing Digital Music to Life*, article with John Bischoff and Tim Perkis, Computer Music Journal, v. 20 number 2.

Recent Lectures and Media Broadcasts:

- 2013 May *Ritmos – Software to explore the perception and performance of Polyrhythms*, lecture for the SuperCollider Symposium, University of Colorado at Boulder, CO.

- 2013 Jan. Evening *José Maceda and New Music in the Philippines*, pre-concert lecture for Monday
Concerts, Goethe House, Los Angeles, California.
- 2012 April *Metrical Consonance and Dissonance in Performing With Computers*,
Composer's Colloquium, Univ. of California/Santa Cruz, California.
- 2011 Nov. California. *Bringing Digital Music to Life*, CCRMA, Stanford University, Palo Alto,
- 2011 March *Exploding Piano*, lecture at Yerba Buena Center for the Arts, San Francisco.
- 2011 Jan. *Interruptions#2: Once Upon a Time in Northern California*, podcast curated and
distributed by Museu d'Art Contemporani de Barcelona, Spain. [http://
rwm.macba.cat/en/curatorial/](http://rwm.macba.cat/en/curatorial/)
- 2010 April *And of Shadow*, with poet Erika Dagnino.
<http://www.alligatorzine.be/pages/051/zine87.html>

Compositions:

- 2017 *Bagatelles*, twelve pieces for piano solo, optionally with *Shuffle* live computer
signal
processing.
- 2017 *The Thorn*, generative rhythmic computer music, as a foil for improvisors.
- 2016 *First Light*, for voice, cello, oboe, and keyboard in 43-tone just-intonation, setting
of
poetry by Jackson Mac Low.
- 2015 *KnowNothing* for interactive computer, solo or networks.
- 2015 *Obelisk*, for oboe, cello, piano, and interactive computer; or for piano and
computer alone.
- 2014 *Ragamala Chiaroscuro II*, microtonal music for wind trio, or large ensemble of
mixed instruments.
- 2010-14 *Six Primes*, suite for piano solo in 13-limit just intonation.
- 2010-14 *Music of the Lost Cities*, with Johanna Poethig, video/sound/text fixed media.
- 2013 *Petals*, for interactive computer and keyboard controller.
- 2012 *Matrix Improvisation*, for piano and interactive computer signal processing.
- 2010 *Gangsa*, for four flat-gongs and computer.
- 2008 *Arcade*, a Rhythm-Harmony String Quartet, for Henry Cowell.
- 2008 *Vav*, with The Hub, for computer network, sound installation.
- 2008 *Imaginary Birds*, for piano solo; or piano, percussion, cello, and interactive
computer; based on Olivier Messiaen's *Oiseaux Exotiques*.
- 2007 *Stupa*, for piano, vibraphone, and interactive computer.
- 2005 *TeleSon*, for two *ReacTables*, connected via the internet. 2004 *Rogue*
Wave, for DJ, percussion, and electronics.
- 2004 *Shuffle*, interactive computer processing for piano improvisation
- 2003 *Retrospectacles*, for piano and live computer signal processing.
- 2002 *Marking Time*, with Johanna Poethig, video/sound/radio installation.
- 2002-09 *Transmissions Series*, with Guillermo Galindo, for live computer music systems
and
quadraphonic radio transmissions.
- 2001 *CloudStreams* and *Bellwethers*, for computer network ensembles.
- 2001 *Branches (Invention#7)*, for piano solo with PianoBar and interactive computer;
or trio for piano, percussion, and DJ, with interactive computer.
- 1999-2000 *Invention#5&6*, for computer network ensemble.

- 1998-99 *Eternal Network Music*, for internet networked computers.
- 1998 *Waves*, for shakuhachi and interactive computer.
- 1997 *Inventions#1-3*, MIDI keyboard solo and interactive computer.
- 1996 *Many Streams*, for quartet of melody instruments and computer.
- 1995 *Talking Drum*, performance/installation for four acoustic instruments and four networked, interactive computers.
- 1994 *Tenebrae*, violin, interactive electronics, and quadraphonic spatialization system.
- 1993 *Flies*, for violin, piano, percussion and interactive electronics.
- 1992 *Lava*, 60 minute composition for brass and percussion octet, computer-controlled signal processing and quadraphonic spatialization system.
- 1990 *Chain Reaction*, for Airdrums MIDI controller, tenor saxophone piano/MIDI keyboard, and computer.
- 1989-90 *Quartet with Shadows*, for saxophone quartet and computer-controlled harmonizer.
- 1989 *Duo*, for MIDI keyboard, computer-controlled signal processing, and acoustic instrument improviser.
- 1987 *Snakecharmer*, for solo instrumentalist with interactive computer-controlled synthesizer.
- 1986 *Hall of Mirrors*, for tenor saxophone, percussion, piano and with interactive electronics; or, for piano/keyboard solo with interactive electronics.
- 1984 *Post Mortem*, for piano, percussion, saxophone and digital delay; or, for piano solo and digital delay.
- 1983 *Conjunction*, for carrillon (or piano) and bowed bronze rods.
- 1983 *Alternating Currents*, for orchestra and three soloists.

Recordings:

- 2016** *Six Primes*, New World Records, CD release of composition for piano retuned in 13-limit just intonation, Chris Brown, composition and performance.
- 2016** *Transit*, Artifact Recordings, CD release of live electronic music improvisations by John Bischoff, Chris Brown, and Tim Perkis.
- 2012** *Vermilion Traces/Donaueschingen 2009*, Gratkowski-Brown-Winant Trio, Leo Records, double CD, studio recordings of free improvisations (disc 1) and a live performance at the 2009 Donaueschingen Festival of free improvisations.
- 2011** *Iconicities*, Chris Brown, New World Records, CD of three compositions by Chris Brown
for percussion and live computer processing, featuring William Winant, percussion, Chris Brown, piano and live electronics, and the William Winant Percussion Group.
- 2010** *Music in the Air*, Chris Brown and Pauline Oliveros, Deep Listening, CD. Chris Brown, piano and live computer processing (SuperCollider); Pauline Oliveros, accordion, conch, percussion and Expanded Instrument System (EIS); recorded live with quadraphonic spatialization of electronics, Berkeley, California, September 2008.
- 2009** *Ugnayan*, music by José Maceda for 20 radio stations, mixed and produced by Chris Brown with program notes by Ramón Santos and Chris Brown, Tzadik, CD.
- 2008** *Wake*, Gratkowski-Brown-Winant, Red Toucan Records, CD. Improvisations with Frank Gratkowski, clarinet, bass clarinet, alto sax; Chris Brown, piano and live electronics; William Winant, vibraphone and percussion. Recorded at Mills College, March 2007.
- 2008** *Boundary Layer*, The Hub, Tzadik, 3 CD box set anthology of new and previously released music by the network music band, including booklet with program notes, and reproduced historical documentation.
- 2007** *Drone and Melody*, music by José Maceda, Tzadik, CD. Performed by the University of the Philippines Contemporary Music Players, Ramón P. Santos, conductor and the Mills Performing Group, Steed Cowart, conductor. Produced by Chris Brown, recorded in Quezon City, Philippines and Oakland, California, 2007.
- 2007** *Cutter Heads*, Chris Brown and Fred Frith, Intakt, CD. Improvisations by Chris Brown, piano and electronics, and Fred Frith, electric and acoustic guitars. Recorded at Mills College, Oakland, California, 2006.
- 2005** *Rogue Wave*, Chris Brown, Tzadik Composer Series, CD. Compilation of six pieces for instruments and live electronics, with performances by the Abel-Steinberg-Winant Trio, Guillermo Galindo, DJ Eddie Def, Toyoji Tomita, William Winant, and Chris Brown.
- 2005** *Talking Drum*, Binaural recordings of soundscape recordings from around the world interspersed with network music installation/performances. Pogus Records, CD.
- 2003** *Electric Ascension*, Rova: Orkestrova, Atavistic, CD. The Rova Saxophone Quartet's interpretation of John Coltrane's *Ascension*, in a large ensemble that also includes Chris Brown, electronics, Nels Cline, electric guitar, Fred Frith,

- electric bass, Ikue Mori, drum machines and sampler, Don Robinson, drums, Otomo Yoshihide, turntables and electronics, Carla Kihlstedt, violin and effects, and Jenny Scheinman, violin.
- 2002** *Luminous Axis*, Wadada Leo Smith, Tzadik, CD. Chris Brown plays computer-driven electronics, with members of The HUB in compositions by Wadada Leo Smith, recorded at Mills College, 2002.
- 2002** *Branches*, Chris Brown, Ecstatic Peace, vinyl LP. Two compositions by Chris Brown by Chris Brown, *Branches: Invention#7*, and *Alternating Currents*, including performances by Chris Brown, William Winant, DJ Eddie Def, and Toyoji Tomita.
- 2000** *Hsu-Feng*, John Zorn, Tzadik, CD. Zorn's game piece, with performers including Fred Frith and John Schott, guitars; Chris Brown and David Slusser, electronics, Dave Lombardo and William Winant, drums and percussion performing John Zorn's music.
- 1999** *New Music: Piano Compositions by Henry Cowell*, New Albion Records, CD. Includes piano performances by Chris Brown, Sorrell Hayes, Sarah Cahill, and Joe Kubera. Recorded live at Hertz Hall, Berkeley, California, February, 1997.
- 1998** *Cellule 75*, Luc Ferarri, Tzadik, CD. *Cellule 75: Rhythmic Force and Forced Cadence* for Piano, Percussion and Magnetic Tape (1975) is performed by Chris Brown and William Winant. Recorded 1998 at Mills College, Oakland, directed and mixed by the composer.
- 1997** *John Coltrane's "Ascension"*, Rova Saxophone Quartet, Black Saint, CD. Chris Brown, piano with ensemble also including Glenn Spearman, Raphe Malik, Dave Douglas, Lisle Ellis, George Cremaschi, and Donald Robinson. Live concert recording, San Francisco, 1995.
- 1996** *The Fields*, Glenn Spearman Double Trio, Black Saint, CD. Glenn Spearman, tenor saxophone, Larry Ochs, tenor and soprano saxophones, Chris Brown, piano, Lisle Ellis, bass, Donald Robinson, drums, William Winant, drums and tympani.
- 1996** *Duets*, Chris Brown, Artifact Recordings, CD. Electroacoustic improvisations with Tom Nunn, William Winant, Ikue Mori, and Tom Djll.
- 1996** *The Secret Magritte*, Larry Ochs, Black Saint, CD. Chris Brown, piano performance in an ensemble including the Rova Saxophone Quartet, Marilyn Crispell, Barry Guy, Lisle Ellis, and William Winant.
- 1995** *Lava*, Chris Brown, Tzadik, CD. Binaurally processed studio recording of 60 minute piece for brass, percussion and four channels of live electronics.
- 1995** *Conductions#11*, Butch Morris, New World, CD. Chris Brown, performing on original electroacoustic instruments in a large ensemble of conducted improvisors.
- 1994** *Wreckin' Ball*, The HUB, Artifact Recordings, CD. Computer Network Music realized and performed by John Bischoff, Tim Perkis, Chris Brown, Tim Perkis, Phil Stone and Scot Gresham-Lancaster. Includes Chris Brown's piece *Wheelies*.
- 1994** *Smokehouse*, Glenn Spearman Double Trio, Black Saint, CD. Glenn Spearman, tenor saxophone, Larry Ochs, tenor and soprano saxophones, Chris Brown, piano, Ben Lindgren, bass, Donald Robinson, drums, William Winant, drums.
- 1993** *Mystery Project*, Glenn Spearman Double Trio, Black Saint, CD. Glenn Spearman, tenor saxophone, Larry Ochs, tenor and soprano saxophones, Chris Brown, piano, Ben Lindgren, bass, Donald Robinson, drums, William Winant, drums.

- 1992 *Hall of Mirrors*, Room, Music and Arts, CD. The title track is a composition for trio with interactive electronic processing by Chris Brown. Members of ROOM are Chris Brown, piano and electronic instruments, Larry Ochs, tenor and soprano saxophones, William Winant, vibraphone and percussion.
- 1991 *The Virtuoso in the Computer Age I*: CDCM Computer Music Series, vol. 10, performance of David Rosenboom work, Centaur Records, CD
- 1989 *The Hub: Computer Network Music*, composed and performed by John Bischoff, Tim Perkis, Chris Brown, Tim Perkis, Phil Stone and Scot Gresham-Lancaster. The HUB, Artifact Recordings, CD. Includes Chris Brown's piece *Rol'em*.
- 1989 *Snakecharmer* Chris Brown, Artifact Recordings, CD. Compositions by Chris Brown, performed by William Winant, percussion, Larry Ochs, saxophone, and Chris Brown, piano, electroacoustic instruments, voice, and electronics.
- 1989 *Room*, Room: Chris Brown, Larry Ochs, William Winant, Sound Aspects, CD.

Grants, Commissions, and Residencies:

- 2017 Civitella Residency Fellow, Civitella Ranieri Foundation, Umbria, Italy.
- 2014 Composer Residency, Lou Harrison House, Joshua Tree, California.
- 2010 Composer Residency, Villa Montalvo, Saratoga, California.
- 2008 Contemporary Jewish Museum, San Francisco, commission with The Hub, a computer network band, of a sound installation for the opening of the museum. The piece "Vav" was created for ambisonic sound diffusion.
- 2005 Phonos Foundation, Barcelona, commission for the composition of a new work for the *ReacTable*, an electronic music instrument developed by the Music Technology Group at the Universitat Pompeu Fabra. *TeleSon* was premiered at the opening concert of the International Computer Music Conference (ICMC) 2005, in a performance for four players playing two Reactables linked via the internet between Linz, Austria and Barcelona, Spain.
- 2003 Haas Foundation Creative Work Fund Grant, with Guillermo Galindo, to create an audience-interactive performance entitled "Transmission Mission" outdoors at the Yerba Buena Gardens in San Francisco, in collaboration with young Latino poets produced by Galería de la Raza, San Francisco.
- 2002 Artist-in-Residence, Project Space, Headlands Center for the Arts, Sausalito California.
- 2002 San Francisco Museum of Modern Art commission with John Bischoff for the online article *Indigenous to the Net*, and *Eternal Network Music*, two online interactive network music pieces. Both were for the the *Crossfade* website, now archived here: <http://crossfade.walkerart.org/brownbischoff/index.html>
- 1997 *Points of Presence: Research Grant and Performance*, Institute for Studies in the Arts (ISA), Arizona State University, Tempe, Arizona. A live performance linking musicians at Mills College, California Institute for the Arts, and ISA via the internet.
- 1996 Honorable Mention in Computer Music for *Talking Drum* interactive installation, Ars Electronica '96, Linz, Austria.
- 1990 Gerbode Foundation Composer's Grant for a new work for brass, percussion, and electronics, sponsored and produced by New Langton Arts, San Francisco. Premiered Sept. 1992, Great American Music Hall, San Francisco.
- 1989 Meet the Composer/Reader's Digest Commission of a new work for the Rova Saxophone Quartet. Premiered June 1989, San Francisco.
- 1989 National Endowment for the Arts Inter-Arts Grant, with The Hub and Ramon Sender, for the production of the poetry/music radio performance *HubRenga* using electronic networks.
- 1988 Artist in Residence STEIM (Studio for Electro-Instrumental Music), Amsterdam.
- 1983 Berkeley Symphony Orchestra commission of *Alternating Currents* for orchestra, soloists, and original electroacoustic instruments.

Installations/Exhibitions:

- 2008 June *Aleph-Bet Project, VAV*, a sound installation realized by The HUB, Contemporary Jewish Museum, San Francisco, California.
- 2008 June *Possibilities of Action, the Life of the Score*, Museu d'Art Contemporani de Barcelona (MACBA), Barcelona, Spain.

- 2007 May** *Hummer*, six-channel sound installation for the tile sculpture by Johanna Poethig, Togonon Gallery, San Francisco, California.
- 2005 Oct.** *Transmission Polvo*, sound installation w/ Guillermo Galindo, Polvo Gallery, Chicago.
- 2003 May-June** *Transmission Asparagus*, with Guillermo Galindo and Fernando Rodriguez, interactive sound installation, Reynolds Art Gallery, University of the Pacific, Stockton, California.
- 2002 July** *Marking Time*, with Johanna Poethig, radio-sound/ video installation, Headlands Center for the Arts, Sausalito, California.
- 1996 Nov.** *Talking Drum - Mouth Full of Fire* performance installation series for Market Street Art-in-Transit, a program of the San Francisco Art Commission, in collaboration with Inner City Public Art Projects for Youth.
- 1995 May** *Skywriters*, installation/performance, South of Market Cultural Center, San Francisco.

Selected Performances:

- 2014 March** *Gangsa*, performance at Society for Electro-Acoustic Music (SEAMUS) National Conference, Wesleyan University, Connecticut.
- 2014 March** Trio improvisations with Chris Brown, piano and interactive computer, Nate Wooley, trumpet, Suzanne Thorpe, flute and electronics. Issue Project Room, Brooklyn, New York.
- 2013 May** *Branches*, piano & computer solo performance, SuperCollider Symposium, Univ. of Colorado, Boulder, CO.
- 2013 February** *The HUB*, Network Music Festival, Birmingham, UK.
- 2012 October** *Mills Performing Group Cage/Oliveros*, performed piano in John Cage's *16 Dances*; and performed live electronics in Pauline Oliveros' *Nikola Tesla: Cosmic Engineer*.
- 2012 Sept.** *Electric Ascension*, live electronics performance with OrkestROVA, Guelph Jazz Festival, Guelph, Canada, with surround sound concert film production released in 2014.
- 2012 Aug.** *The Stone*, solo piano and computer performance, New York City.
- 2012 Apr.** *April in Santa Cruz*, performance of *Gangsa*, Univ. of California/Santa Cruz.
- 2012 Feb.** *Still Lives*, piano and electronics solo performance of composition by Alvin Lucier, Littlefield Concert Hall, Mills College, Oakland.
- 2012 Feb.** *Music by Julius Eastman*, performance as part of multiple piano ensemble, Berkeley Art Museum, Berkeley, California.
- 2011 Sept.** *Credo in Us*, piano performance in John Cage's composition accompanying dance by Molisa Fenley, Mills College Art Museum, Oakland.
- 2010 Nov.** *Sonorities Festival*, Queen's University, Belfast, Northern Ireland, solo piano and computer performance, a concert with The HUB, and improvisations in a large ensemble conducted by Evan Parker.
- 2010 Aug.** *Cobra*, laptop performance with large ensemble conducted by John Zorn, Yoshi's Jazz Club in San Francisco.
- 2010 Feb.** *Gangsa* premiere at the *Ugnayan Festival*, University of the Philippines, Diliman, Quezon City, Philippines.
- 2009 Oct.** *Gratkowski-Brown-Winant Trio*, performance and live SWR radio broadcast, Donaueschingen Festival, Germany. Subsequent tour including Ghent (Belgium), Cologne and Berlin (Germany), Nickelsdorf, Ulrichsberg, and Graz (Austria).
- 2009 Aug.** *Electric Ascension*, with OrkestROVA, Saalfelden Jazz Festival, Austria.
- 2009 Aug.** *Branches*, piano and computer solo, Yerba Buena Center for the Arts, San Francisco.
- 2009 July** *Rogue Wave*, performance with Guillermo Galindo, Yerba Buena Center for the Arts (YBCA) Summer Festival, San Francisco.
- 2009 Mar.** *Vav*, sound installation and duet performance with Frank Gratkowski, at *Diapason*, sound art gallery in Brooklyn, New York.
- 2009 Mar.** *Arcade*, premiere performance by the Arditti Quartet, Littlefield Concert Hall Renovation Celebration, Mills College, Oakland.
- 2009 Feb.** *Imaginary Birds*, premiere performance on Center for Contemporary Music concert, Littlefield Concert Hall Renovation Celebration, Mills College, Oakland.
- 2008 June** *Vav*, sound installation with The HUB, Contemporary Jewish Museum, San Francisco, installed in the *Yud* space between June 8, 2007-Jan. 15, 2008.
- 2008 April** The HUB, CEAIT Festival, REDCAT Theatre, Los Angeles, April. 26, 2007.

- 2007 Oct.-Nov.** Three CCM Retrospective Concerts: REDCAT Theatre, Los Angeles; Lisser Theater, Mills College, Oakland; and Interpretations Series at Roulette, New York City.
- 2007 Sept.** The HUB, Music in the Global Village Conference, produced by the Hungarian Computer Music Foundation, Budapest, Hungary.
- 2007 May** Seville and Barcelona, Spain, concerts with William Winant, including European premiere of *Stupa*, and performances of Luc Ferrari's *Cellule 75*.
- 2007 Jan.** *Electric Ascension*, laptop performance with OrkestRova, Sons d'Hiver Jazz Festival, Paris, France.
- 2006 Oct./Nov.** The HUB, U.S. East Coast tour including performances at NYU in New York City and Wesleyan University, Middletown, Connecticut; also, lecture demonstration at Columbia University and residency at Wesleyan University.
- 2006 July** *Transmission Signal Hill*, with Guillermo Galindo, live radio performance and installation as part of the Sound Symposium Festival, St. John's, Newfoundland, Canada.
- 2006 June** *The Hub*, European tour, including performances in Cuneo and Padua, Italy; Paris, France as part of the NIME conference hosted by IRCAM; and in Cologne, Germany.
- 2005 Nov.** The HUB, European tour, including: Club Paradox, Tilburg, Netherlands; and Academy of Media Arts, Cologne; Open Systems Festival, Dortmund; Akademie of Fine Arts, Muenster; and Metropolis Cinema, Hamburg.
- 2005 Nov.** Music Unlimited Festival, Wels, Austria, performances on piano, electronics, and laptop computer. Collaborations with OrkestRova, and Larry Ochs, saxophone; Natsuki Tamura, trumpet; Le Quan Ninh, percussion.
- 2005 Sept.** *Frischezelle Festival*, Stadtgarten, Cologne, Germany. Collaborative performance on piano and electronics with Juan Orozco and Luis Negron, live-video.
- 2005 Sept.** *TeleSon*, premiere of commissioned work for two *ReacTables* connected via the internet,
for the opening ICMC2005, Barcelona, Spain. The second *reacTable* was located in Linz, Austria as part of Ars Electronica 2005.
- 2005 Aug.** *Cooler in the Shade*, piano and electronics duo with Tim Perkis, New York.
- 2005 Aug.** *The HUB*, SF Electronic Music Festival, San Francisco.
- 2005 June** *The HUB*, Tesla, Podewil, Berlin, Germany.
- 2005 March** *Electric Ascension*, laptop performance with OrkestRova, SF Jazz Festival, San Francisco
- 2005 Dec.** Piano and live electronics solo performance, Roulette, New York City.
- 2004 Nov.** *The HUB*. Dutch Electronic Art Festival ("DEAF"), Rotterdam, Netherlands.
- 2004 Sept.** *Natto Quartet*, with Philip Gelb, shakuhachi, Tim Perkis, electronics, Shoko Hikage, koto, and Chris Brown, piano. Creative Music Guild, Community Music Center Portland, Oregon.
- 2004 Aug.** *Shuffle*, piano and interactive computer, premiere performance at the Sismo Festival, Sala Nezahualcoyotl, Mexico City.
- 2004 May** *Transmission Mission*, with Guillermo Galindo and poets from the San Francisco Mission district; an audience-interactive, radio performance as part of the Yerba Buena Gardens Festival, San Francisco.
- 2003 June** *Tonic*, New York City. Piano & electronics trio with Ikue Mori and DJ Olive.
- 2003 Feb.** Piano improvisations with Kazue Sawai, koto, Mills College, Oakland.

- 2003 Feb.** *Electric Ascension*, laptop computer performance with OrkestRova of John Coltrane's composition, Yerba Buena Center for the Arts, San Francisco.
- 2002 May** *Transmission Naranja*, live radio transmissions with Guillermo Galindo, Bienal de Radio, Mexico City, Mexico.
- 2001 October** *Networkshop*, 15. Dresdener Tage der zeitgenoessischen Musik, Festspielhaus Hellerau, Dresden; and Net.Night - Musikmachen im Netzwerk, produced by Freunde Guter Musik, Staatsbank, Berlin. Computer network music workshop performances.
- 2001 May** *Fuzzybunny*, electronic improvisation trio with Chris Brown, Tim Perkis, and Scot Gresham-Lancaster, San Francisco Electronic Music Festival.
- 2001 March** *Branches*, premiere performance, with William Winant and DJ Eddie Def, Other Minds Festival VII, San Francisco.
- 2001 Feb.** *Invention #4* and *Invention #5*, collaborative performances as part of Indeterminacy, Intermedia, and Improvisation Series, Wesleyan University, Middletown, Connecticut.
- 2000 Aug.** *Invention #6*, workshop performance at the International Computer Music Conference (ICMC), Berlin, Germany.
- 2000 Sept.** *Simply Ballroom*, solo computer music performance, Center for Research in Computer Music (CCRMA), Stanford University, Palo Alto.
- 1999 Nov.** *Eternal Network Music*, computer network music on the internet linking 14 live performers at six locations (Mills College, California Institute of the Arts, Princeton University, Renssallaer Polytechnic Institute, Stetson University, and the Zentrum für Kunst und Medientechnologie (ZKM) in Karlsruhe Germany). Part of the *net_condition - Art in the Online Universe* exhibition produced by ZKM, Karlsruhe, Germany.
- 1999 Sept.** *Beyond 440 Hertz*, a concert of music with experimental instruments with David Poyourow, California Institute of the Arts, Los Angeles, produced by Villa Aurora and the Goethe-Institut Los Angeles.
- 1999 June** *Computer Network Music*, live electronic music performance with Mike Berry, The Outpost, Albuquerque, New Mexico.
- 1999 May** *Talking Drum*, Installation/Performance with ensemble including DJ Eddie Def at Battery Wallace, Headlands Center for the Arts, Sausalito, California.
- 1999 Mar/Apr.** *Talking Drum* collaborative performances, Electronic Arts and Performance Series, Rensselaer Polytechnic University, New York; University of Illinois / Champaign-Urbana; Oberlin College; and Grinnell College, Iowa.
- 1999 Feb.-Mar.** *Old and New Soundpieces from the Bay Area*, solo piano performance of music by Henry Cowell, Maggi Payne, Gordon Mumma, John Bischoff, Cheryl Leonard, Glenn Spearman, and Chris Brown. Performances venues included Spruce St. Forum, San Diego, North River Music Series at Greenwich House in NYC, Albert Shahinian Gallery, Poughkeepsie, NY, and Mills College Songlines Series.
- 1999 Feb.** Network Music residency and concert at California Institute of the Arts, Valencia.
- 1999 Jan.** Duo performance with Phil Gelb at Salvador Dali Museum, Tampa, Florida. Also a concert and network music workshop at Stetson University, Deland, Florida.
- 1998 Sept.** *Hsu-Feng* by John Zorn, electronics performer in sextet of improvisors, Slim's, San Francisco.
- 1998 Aug.** Live electronics performance with Fred Lonborg-Holm, cello and Jim O'Rourke, electronics at the Empty Bottle, Chicago.
- 1998 July** *Waves*, with Phil Gelb, Shakuhachi and Electronics concert at the World Shakuhachi Festival 1998, Boulder, Colorado.

- 1998 Mar.** *West Coast*, PRIME Foundation, Groningen, Holland. Solo, duo performances with Tom Nunn, and *Talking Drum* collaborative installation.
- 1997 Dec.** Solo performance, Taller Cultural, Santiago, Cuba.
- 1997 Dec.** *Inventions*, solo performance, Roulette Intermedium, New York City.
- 1997 Nov.** *Points of Presence* with The HUB, a live performance linking musicians at Mills College, California Institute for the Arts, and Arizona State University via the internet.
- 1997 Oct.** Glenn Spearman Double Trio, piano performance, San Francisco Jazz Festival, San Francisco, California.
- 1997 June** *Lava*, European premiere, Stadtklang in Skulptur.Projekte 97, Muenster, Germany.
- 1997 March** The HUB In Residence, Arts in the Village - A Celebration of Arts and Technology at Georgia Tech, Georgia Center for Advanced Telecommunications Technology (GCATT) Auditorium Georgia Tech, Atlanta, Georgia.
- 1997 Feb.** *Ascension*, piano performance with Rova Saxophone Quartet, Bergamo Jazz Festival, Bergamo, Italy.
- 1997 Feb.** *Henry Cowell Piano Festival*, solo piano performance, Cal Performances, Berkeley, California.
- 1996 Nov.** *Talking Drum - Mouth Full of Fire* performance installation series for Market Street Art-in-Transit, a program of the San Francisco Art Commission, in collaboration with Inner City Public Art Projects for Youth.
- 1996 Jan.** *Glenn Spearman Double Trio*, WDR concert recording, Cologne, Germany.
- 1995 Dec.** *John Coltrane's Ascension*, piano performance with the Rova Saxophone Quartet and a large ensemble, Great American Music Hall, San Francisco.
- 1995 Nov.** *Live Electronic Music of John Cage*, Mills College John Cage Festival/Symposium, Oakland, California.
- 1995 Sept.** *Talking Drum*, premiere performance, ISEA95, McGill University, Montreal, Canada.
- 1995 Sept.** *Glenn Spearman Double Trio*, Monterey Jazz Festival, Monterey, California.
- 1995 Sept.** *Music by Henry Cowell*, solo piano performance, Spirit of the Dunes Festival, San Luis Obispo, California.
- 1995 July** *The Secret Magritte* and *Glenn Spearman Double Trio*, DuMaurier International Jazz Festival, Vancouver, Canada.
- 1995 June** Solo performances, Havana, Cuba, invited by Laboratorio Nacional de Musica Electroacoustica.
- 1995 May** *Skywriters*, installation/performance, South of Market Cultural Center, San Francisco.
- 1995 April** James Tenney, *The Road to Ubud*, prepared piano soloist, April in Santa Cruz, Univ. of California/Santa Cruz.
- 1994 Oct.** *Glenn Spearman Double Trio*, European Tour: Cologne, Munich, Zürich, Basel.
- 1994 May** *Glenn Spearman Double Trio*, Festival International Musique Actuelle Victoriaville, Victoriaville, Quebec, Canada.
- 1994 April** *Flies*, by Chris Brown, premiere by Abel-Steinberg-Winant Trio, CAL Performances, University of California, Berkeley.
- 1994 March** James Tenney Retrospective, curating and piano performance, Mills College, Oakland.
- 1994 March** *Tenebrae*, music-ritual, Rockefeller Memorial Chapel, Univ. of Chicago.
- 1994 Oct.** *Room, Interplay*, Center for the Arts at Yerba Buena Gardens, San Francisco.
- 1993 Sept.** *Room-Rova*, Antwerpen 93, Antwerp, Belgium.

- 1993 Sept.** *Glenn Spearman Double Trio*, Monterey Jazz Festival, Monterey, California.
- 1993 May** *The HUB*, Moers Jazz Festival, Moers, Germany.
- 1993 May** *The HUB* and *Music from the CCM/Mills*, USArts American Art in 20th Century, Akademie der Künste, Berlin, Germany.
- 1992 Oct.** *The HUB*, International Computer Music Conference (ICMC), San Jose.
- 1992 Oct.** *Room*, Danmark s Radio, Copenhagen, Denmark.
- 1992 Aug.** *Alternating Currents*, Cabrillo Festival Orchestra, Santa Cruz, California.
- 1992 July** *Glenn Spearman Double Trio*, Konfrontationen Festival, Nickelsdorf, Austria.
- 1992 May** *The HUB*, SoundWork, Seattle.
- 1992 March** *The HUB*, Royal Conservatory, Hague ; Free University, Brussels; Logos, Ghent; Apollohuis, Eindhoven.
- 1992 March** Solo piano and electronics performance, Tage für Live-Elektronische Musik, Basel, Switzerland.
- 1991 Nov.** Solo performance, Obscure (intermedia performance gallery), Quebec, Canada.
- 1991 July** *Room*, Konfrontationen Festival, Nickelsdorf, Austria.
- 1991 May** *Room*, Rheinische Musik Fest Electronic Music Series, WDR West German Radio Studios, Cologne, Germany.
- 1991 March** Solo piano and electronics performance, Cal Arts Festival, Valencia, California.
- 1990 Dec.** Duo performance with David Poyourow, bass, Composer's Forum at Experimental Intermedia, New York City.
- 1990 Nov.** Solo performance, Experimental Music Test, Roulette, New York City.
- 1990 Nov.** *Imaginary Landscapes Series* featured composer, Relaché new music ensemble, Pennsylvania Academy of Fine Arts. Philadelphia.
- 1990 March** *Room*, Taktlos Festival in Bern, Basel, and Zurich, Switzerland.
- 1990 March** *Room*, Sala dei Giganti al Liviano, Padova, Italy.
- 1989 Nov.** *TonArt* contemporary music series, duo performance with William Winant, percussion, Kunstmuseum, Bern, Switzerland produced for broadcast on BRD Swiss Radio.
- 1989 Nov.** *The HUB*, New Music America Festival at Experimental Intermedia, New York City.
- 1989 June** *Quartet with Shadows* premiere performance of commissioned piece by Rova Saxophone Quartet, Theatre Artaud, San Francisco.
- 1989 May** *Room*, Moers New Jazz Festival, Moers, Germany.
- 1988 Nov.** *The HUB*, L.A.C.E. , Los Angeles.
- 1988 Nov.** *The HUB*, New Langton Arts, San Francisco.
- 1988 June** Solo performance, International Festival of Electronic Music, Bourges, France.
- 1988 April** *Room*, Newport Harbor Art Museum, Newport Beach, California
- 1988 April** *Room*, April in Santa Cruz, Univ. of California / Santa Cruz.
- 1988 March** *New Langton Arts*, solo concert, San Francisco.
- 1987 Nov.** *Room*, Stedelijk Museum for VPRO Dutch Radio, Amsterdam.
- 1987 Nov.** *Room*, Stadtgarten, Koelner Gesellschaft für Neuer Musik, Cologne.
- 1987 Sept.** *Duet*, performance with William Winant, percussion, Contemporary Chamber Players, Hertz Hall, University of California / Berkeley.
- 1987 June** *The HUB*, commissioned concert for two groups in separate spaces coordinated electronically by modem, Experimental Intermedia and The Clocktower, New York City.
- 1987 Jan.** *Iceberg* and *Alternating Currents*, duo with William Winant, percussion, STEIM (Studio for Electro-Instrumental Music), Sonesta Koepelsaal, Amsterdam, Netherlands.

- 1986 Dec.** *Room*, Soundwork, Seattle, WA
- 1986 Dec.** *Room*, The Western Front, Vancouver, Canada.
- 1986 Oct.** Solo performance, STEIM Festival and Symposium of Live Electronic Music, Amsterdam, Netherlands.
- 1986 April** Solo performance, New Music America Festival, Houston.
- 1985 Nov.** *Iceberg*, performed with William Winant, percussion, New Music America Festival, Los Angeles.
- 1985 Dec.** Duo performance with William Winant, percussion, San Francisco Contemporary Music Players, San Francisco Museum of Modern Art.
- 1984 July** *Alternating Currents*, New Music America Festival, Hartford, Connecticut.
- 1983** *Alternating Currents* premiere , Berkeley Symphony Orchestra, Berkeley.