Andrew Blanton

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Education

2025	Ph.D. Music Composition, University of California, Berkeley (Expected May)
2013	Master of Fine Art in New Media, University of North Texas
2008	Bachelor of Music in Percussion Performance, University of Denver

Academic Appointments

2014-Present   **Associate Professor**, San Jose State University, in the CADRE Media Labs and Digital Media Art Program at San José State University. Overseeing the program of 500 undergraduates and 12 graduate students as program coordinator for six years and previous graduate coordinator, redefining the curriculum through a theory, history, practice based approach. Authoring classes in VR/MR/AR, Experimental 3D, Sound Art, Data Visualization, and Media Theory. Leading multiple large scale research initiatives at the confluence of Art and Science with partners such as the Leonardo organization and IBM winning grants from DARPA, NEA, and Knight Foundation, while working between the School of Music and Computer Science.

2019-Present   **PhD Student**, Currently finishing a Ph.D. in Music Composition working closely with the Center for New Music and Audio Technology at the University of California Berkeley. Working specifically on a suite of tools for live augmented performance environments including realtime 3D environments with networked spatialized audio and networked multichannel video and rendering.

2016-2019   **Faculty in Residence** San Jose State University Working with Campus Village Two and the Arts Village organizing events with students. Managing the 2016-17 and 2017-2018 SJSU LASER Events as well as other small events with students.

2013-2014   **Adjunct Professor** Southern Methodist University Teaching 3D Animation with Maya at the Center of Creative Computation with an emphasis on 3D modeling, animation, and exporting 3D objects for printing.

Research and Technical Appointments

2017-2019   **Guest Researcher** University of California Berkeley Working for the Center for New Music and Audio Technology building custom environments in virtual reality and spatialized audio. Working closely with Edmund Champion on the development of new audio technology and compositions for experimental music performance.

2013-2014   **Senior Lecturer and Research Fellow** University of Texas at Dallas Working as the first research fellow in Dr. Roger Malina's Art Science Lab working on sonification and visualization of large data sets and developing methods of interactivity with data.

2011-2013   **Research Assistant** University of North Texas Moebius Journal Working as a research assistant to Professor David Schwarz on the development and launch, as well as on the editorial board of Moebius, a online journal based out of the University of North Texas featuring writings, art, and experimental media in New Media Art.

2010-2011   **Time Warner Cable** Internship in the Advanced Technology Group Working on front end user interface design and rapid prototyping. Working on a team that developed a suite of applications including a web portal, the TWCable iPad app which was #1 in

iTunes for the week of March 15, 2011, Samsung TV IPTV app, Sony TV app and a Galaxy tablet app which was on the keynote address of the 2011 CES in Las Vegas.

2001-2009   **Technical Associate** Integrated Micro Solutions, Denver CO Eight years working in software development and implementation. Handled invoicing and accounts receivable, Product Distribution and Customer Service.

Grants and Awards

2024   SJSU Artistic Excellence Grant $6,000 March 2024, Grant for performance at San Jose City Hall.

2018   **SJSU Artistic Excellence Grant** $1,200 September 2018, Grant for installation at the Hammer Theater in San Jose

2017   **Soundwave Biennial Buzz Award** for Emerging Artist

2016   **Knight Signature Event Grant** - $5,000 - October 2016, Grant for the production of Mendelssohn's Elijah at the Hammer Theater in San Jose working with Fred Cohen as Principal Investigator

2016   **SJSU Deans Professional Development Grant** - $1,000 - October 2016, Grant for installation at Silo City and presentation at the Squeaky Wheel center for the arts

2015-2016   **Defense Advanced Research Projects Agency** - $276,000 - September 2015 to September 2016 - DataStetho: Development of a data sonification engine visualizing and snonifying fMRI data from human subjects in ages ranging from twenty to fifty years in age. Working in conjunction with the Center for vital longevity at the University of Texas at Dallas with Principal Investigators of Dr. Roger Malina and Dr. Gagan Wig.

2015-2016   **National Endowment for the Arts** - $25,918 - January 2015 to December 2016 - Instrument: One Antarctic Night - Awarded from the NEA for the development of the art installation and toolkit of the data remix engine working with Principal Investigators Ruth West and Roger Malina.

Software Published

2023-Present   **CNMAT.IO** https://cnmat.io Multi channel AWS based application for internet based interactivity as a client to client paradigm.

2023-Present   **CNMAT.LIVE** https://cnmat.live Multi player webVR environment based on aframe.io for geolocation shared in-person experiences.

2020-Present   **ANTIPH.ONL** https://antiph.onl Application and data protocol for pushing data to networked 3D environments published in February of 2020.

2021-Present   **ANIMORPH.ES** https://animorph.es Application for browser based projection mapping published in January of 2021.

2017-2024   **M0DULATOR** https://itunes.apple.com/us/app/m0dulator/id817900978?mt=8 (Deprecated)Application as artwork Published in the Apple App Store in February of 2014 with a second revision and update published in January of 2017.

2012-2018   **StandaloneV2** App (Deprecated) https://itunes.apple.com/us/app/standalonev2/id656556702?mt=8 Sound Art application published in the Apple App Store in January of 2012 to December 2018.

2012-2018	**StandaloneV1** App (Deprecated) https://itunes.apple.com/us/app/standalonev1/id572353102?mt=8 Sound Art application published in the Apple App Store in March of 2012 to December 2018.
2010	**TWCable App** https://itunes.apple.com/us/app/twc-tv/id420455839?mt=8 First application featuring live television on the iPad published in the Apple App Store in November of 2010 and featured on the 2011 Consumer Electronics Showcase Keynote address in Las Vegas, Nevada. Now Spectrum TV app with merger of Time Warner and Charter Communications.

Papers and Publications

2021	**Chapter:** "Sound of Feeling," in Data Dating, An Edited Collection by Anna Malinowska and Valentina Peri, Forthcoming Intellect Publishing, Bristol 2021
2020	**Journal Article**: CeReNeM Journal, No. 7 2020, Performing Stuff, Composition, Technology, and the Posthuman, Andrew A. Watts in discussions with Stefano Corazza, Constantin Basica, Julie Herndon, Andrew Blanton, and Caroline Louise Miller, University of Huddersfield, 2020
2017	**Chapter**: The 3D Additivist Cookbook, Perception, January 2017, The Institute for Networked Technologies, Amsterdam Netherlands
2016	**Proceedings Publication**: International Symposium on Electronic Art, June 2016, Proceedings for the 2016 ISEA, Virtual 3D Sound Sculptures for Real-Time Performance: Reappropraition of game engines for visual music performance.
2015	**Proceedings Publication:** Understanding Visual Music, University of Brasília, Brazil, June 2015, Proceedings for the UVM Symposium, Connectome Data Dramatisation: The Human Brain as Visual Music.

Performance/Solo Installation/Exhibition

2025	**The Days**, Procedural animation and installation in collaboration with Claudia Hart, May 5th, Bitforms Gallery New York
	A Middle Representation, electroacoustic composition for 16 channel audio. Wu Concert Hall Inaugural Opening, March 16, Berkeley California.
2024	**8 Hours of Cozy Ambiance**, SCOPE III, Center for New Music and Audio Technology, November 15, Berkeley California
	Sonic Boundaries, spatialized electroacoustic solo recital, University of Texas at Dallas, ArtSciLab, November 4, Dallas Tx.
	An Insensible of Deep Space, electroacoustic performance of JWST and VLT sonifications, Leonardo House, June 26, Paris France.
	Interstitial Echo, Richard Mayhew Tribute @ Montalvo, Montalvo Center for the Arts, July 19th, Saratoga California.
	A Middle Representation and Light Was Pouring from my Teeth, electroacoustic composition for 16 channel audio. Chemistry Creative, January 25th, Brooklyn, New York.
2023	**A Middle Representation**, SCOPE II, Center for New Music and Audio Technology, Berkeley California, November 4, 2023

SYSTEMS MADNESS, in collaboration with Claudia Hart, Presented at BetaWorks in collaboration with E.A.T._Works and http://artblocks.io and NFT.NYC, Opening April 13, 2023

i was sitting alone in the night French premiere, CNSMD/CNMAT, Conservatoire National Supérieur de Musique et de Danse de Lyon, Lyon France, January 17, 2023

2022 **AI Ruins (of) the Future,** 3D environment installation, Audio Mostly, St. Polten University, St. Polten Austria, August 30th - September 1st.

Light Was Pouring From My Teeth, SCOPE Audio Visual showcase, Center for New Music and Audio Technology, University of California Berkeley, Berkeley California, November 5th, 2022.

PØLARITIES: Your Reflection in Myself, New Music South Bay, San José State University, San Jose California. April 28th, 2022

i was sitting alone in the night international premiere, Experimental Electronic Music Showcase, The American University in Cairo, Cairo Egypt, March 24, 2022

ETOI.LI: Situated Realities, XR Installation and international premiere, PORTAL REFRACTIONS at the New Art City Showcase, Gray Area Center for the Arts, San Francisco, Friday April 15th, 2022

Blanton, Er, Smith, Small Ensemble Performances, Center for New Music and Audio Technology, February 26, 2022

2021 *i was sitting alone in the night* XR Installation and performance, Center for New Music and Audio Technology, University of California at Berkeley, Berkeley California, December 8, 2021.

ANTIPHØN, Lecture and performance, Hyphen Hubs, New York, New York, June 16, 2021.

ANTIPHØN, Solo Performance and installation, International Computer Music Conference, Pontificia Universidad Católica de Chile, Santiago, Chile, July 25-31.

ANTIPHØN, Solo Performance and installation, With guest, Scot Gresham-Lancaster, New Art City Festival, March 22nd, 2021

2020 **WAVEGUIDE,** Solo Performance, Sonic Murals, University of North Texas, Denton Texas, live stream via Twitch, November 7, 2020

WAVEGUIDE, Solo Performance, Ars Electronica by invitation from the Consulate of Austria, San Francisco/Linz Austria, September 9, 2020

MØDULATOR, Technology and the Post Human, CNMAT Berkeley, April 04, 2020 (Canceled due to COVID 19).

MØDULATOR, Technology and the Post Human, CCRMA, Stanford, April 03, 2020 (Canceled due to COVID 19).

MØDULATOR, Technology and the Post Human, Center for New Music, San Francisco, CA, March 27, 2020 (Canceled due to COVID 19).

PØLARITIES: Your Reflection in Myself, Afternoon concert series, Berkeley, CA, March 4, 2020.

2019 **PØLARITIES: Your Reflection in Myself**, Radical Two, CNMAT, Berkeley, CA, November 14, 2019.

PØLARITIES: In The Twilight of a Polar Evening, Group Exhibition, SJSU Faculty Exhibition, Thompson Gallery, San Jose State University, San Jose California, August 27-September 20, 2019.

PØLARITIES: Remembrance of a Past Future, Solo Video Installation, Chabot Space and Science Center, Planetarium Dome, Oakland California, August 2nd, 2019.

2018   **Alice Unchained** Small Ensemble Performance, Pioneer Works, Brooklyn New York, December 9, 2018.

Softwar(e) Group Exhibition, B4B3L4B Gallery, Oakland California, May 5th - June 7th, 2018.

Solo Performance, LAST Festival Stanford, Stanford Particle Accelerator, Friday, March 23rd, 2018.

Installation Virtual Reconstruction, Bruce Nauman Time Tunnel - Virtual Reality Reconstruction of Bruce Nauman's Corridor on loan from the Guggenheim New York, on display in San Jose from January 26th through February 22nd, 2018.

2017   **Fieldwave**, eNTERFACE 2017 Networked sound installation, Catholic University, Porto Portugal , July 28 - August 4, 2017.

Noo Phone in The Black Space, Joint exhibition with Yvette Granada at Silo City sponsored by the Squeaky Wheel Foundation and Center for Media Art, Buffalo New York, May 28th, 2017.

MØDULATOR Solo Performance Paseo Prototyping Challenge, Hammer Theater San José, April 8th, 2017.

2016   **DataStetho** Performance 9e2, 50th Anniversary of the Nine Evenings of Computers, Art, and Technology, King Street Station, Seattle, October 28th, 2016.

WAVEGUIDE Solo Performance Soundwave Biennial, Gray Area Foundation for the Arts, San Francisco California, September 3rd, 2016.

WAVEGUIDE Solo Performance Soundwave Biennial, Fort Mason Chapel, San Francisco California, June 26, 2016.

Solo Recital B4B3L43, Oakland California, April 23, 2016.

Solo Performance Lafayette Electronic Arts Festival [LEAF], Lafayette Colorado, April 1, 2016.

2015   **Solo Virtual Installation** The Wrong, New Digital Art Biennale, CALL.IO.PE pavilion, November 1st - Jan 31st, 2015.

Solo Performance Transplanted Roots, Montreal Canada, September 17-20, 2015.

Solo Performance World Wide West June 10-16th, 2015.

Solo Performance Understanding Visual Music, The Computer Art Research Laboratory of the University of Brasilia June 11, 2015.

Installation with Morehshin Allahyari, Panther Modern, online museum virtual installation, http://panthermodern.org/roomtwelve.html, June 2nd- present

MØDULATOR Group Exhibition Faculty Exhibition San Jose State University, January 27 – March 20, 2015.

Solo Performance Dallas Video Festival Medianale, Dallas Texas, January 9, 2015.

2014   **Group Exhibition GifBites**, Chatrooms, Gray Area, San Francisco California, Nov 21, 2014.

Solo Performance BMOCA, MediaLive, Boulder Colorado, November 7th, 2014.

Group Exhibition #DataSlaves, Bangara Room, Sydney Australia, October 31, 2014.

Group Exhibition #DataSlaves, Fuse Box, Sydney Australia, November 1, 2014.

Group Exhibition #DataSlaves, University of Sydney Sound Lounge, Sydney Australia, November 6, 2014.

Solo Performance and talk with Roger Malina, Data Dramatization, Google Paris, Paris France, September 11th, 2014.

Group Exhibition Gifbites, Shiriz Iran, May 30, 2014.

Group Exhibition Bitrates, Shiriz Iran, May 23rd, 2014.

Solo Performance, Union Gallery, Dallas Texas, April 12, 2014.

Group Exhibition CAALTERNATE, Tritriangle, Chicago Illinois, January 21, 2014.

2013   **Group Exhibition** and single channel video installation with Morehshin Allahyari McNeill Street Pumping Station, New Music Festival, Shreveport Louisiana, October 12-13, 2013.

Solo Installation, The Wrong, New Digital Art Biennale, Sao Paulo Brazil, November 1st - January 31st, 2013.

Group Exhibition and single channel video installation Aurora Dallas, Dallas Texas, October 8th, 2013.

Sound Design and large format video installation with Morehshin Allahyari, Dallas Video Festival, Omni Hotel Dallas October 4th, 2013.

Solo Performance Museum of Contemporary Art, Dallas Texas, November 8th 2013.

Solo Performance OT301, Amsterdam Netherlands, June 4, 2013.

Solo Performance Tritriangle, Chicago Illinois, April 28, 2013.

Sound Design "The Recitation of a Soliloquy", VideoBabel International Festival, Babel Spain, May 8th 2013

Solo Performance Oliver Francis Gallery Solo performance "Panoptics", Dallas Texas, April 5, 2013.

MFA Solo exhibition "Panoptics," Oliver Francis Gallery, Dallas Texas, March 23 to April 5, 2013.

Group Exhibition **Your Night My Day**, UNT On the Square, Denton Texas, March 22nd to April 5, 2013.

2012   **University of North Texas, Composers Concert Pop and Lock performance**, Denton Texas, November 5, 2012.

Solo Performance Dallas Video Art Festival, Dallas Museum of Art, Dallas Texas, September 27, 2012.

Video Screening, **The Recitation of a Soliloquy,** 25th Dallas Video Fest, Angelika Theater, Dallas Texas, September 8th, 2012.

Video Screening, **The Recitation of a Soliloquy**, Mise en abyme, Sazmanab Platform for Contemporary Art, Tehran Iran , August 12th, 2012.

Group Video Installation. **The Recitation of a Soliloquy**, Mise en abyme, Cité international des Arts, Paris France, June 25-July 24, 2012.

Solo Performance, HARAKIRI To Die for Performances, Central Track Gallery, Dallas Texas, May 19, 2012.

Solo Exhibition, Oliver Francis Gallery, Dallas Texas, February 18, 2012.

2011   **Sound Art Performance** opening for Ivo Bol University of North Texas, Denton Texas, February 19, 2011.

Solo Performance Emergent Media Lab, Denton Texas, October 27, 2011.

Group Exhibition Electronic Media and Art Design University of Denver, Denver Colorado.

Solo Performance modulation(s) Object and Thought, Denver Colorado, July 22, 2011.

2010	**Solo Performance Object and Thought**, Denver Colorado, March 20, 2010.
	Group Exhibition IRUS Art Co-Prosperity Sphere, Chicago Illinois, January 29 - February 16 2010.
2009	**Solo Performance Temple Gallery**, Chicago Illinois, February 12, 2009.
	Solo Performance RHINO Festival, Chicago Illinois, February 14, 2009.
2008	**Group Exhibition IRUS** Cultural Exhibition, Andenken Gallery, Denver Colorado, March 21 to March 28, 2008.
	Solo Performance Colorado Contemporary Chamber Players, Museum of Contemporary Art Denver, Denver Colorado, November 14, 2008.

Conference Presentations/Artist Talks

2023	**Dimensions Symposium, Artificial Creativity and the future of Art**, Panel discussion, Dimensions - Digital Art Since 1859, Leipzig Germany, June 2, 2023.
2021	**Mobile Deployment of Electro Acoustic Music Compositions**, Poster and Proceedings Publication, World Wide Music Conference, Prague, Czech Republic, April 22-23.
	SJSU H&A 3 minute Research talk, San José State University, Friday March 19th.
2019	**Leonardo Art Science Evening Rendezvous (LASER) Talk**, University of San Francisco, May 14th, 2019.
2018	Presentation on **Data Visualization and Sonification**, CNMAT University of California Berkeley November 10-11, 2018.
	Conference, **NIME (New Interfaces for Musical Expression)** International Conference, Virginia Tech University, June 3-6, 2018.
	Artist Talk, Boston Tech Poetics, July 10, 2018.
	THINK Distinguished Speaker Series, Invited Talk, IBM Research Almaden Labs, Almaden Research, San Jose California, March 8th, 2018.
2017	**Artist Talk on Visualization and Virtual Reality**, CNMAT, University of California Berkeley, Berkeley California, September 28, 2017.
	Leonardo Art Science Evening Rendezvous (LASER), University of California at Berkeley, Berkeley California August 9, 2017.
	Artist Talk, Squeaky Wheel, Buffalo New York, May 29th, 2017.
2016	**Conference and Panel Presentation, International Symposium on Electronic Arts** 2016 Hong Kong, May 18th-21st 2016, 2016.
	Artist Talk, LivingRoom Light Exchange, March 15th 2016, 2016.
2015	**Panelist Understanding Visual Music**, The Computer Art Research Laboratory of the University of Brasilia June 13, 2015.
	Artist Talk, PUC-Rio, Rio de Janeiro, Brazil, June 17, 2015.
2014	**Talk and Group Exhibition and LASER Talk**, UMALUF Sculpture Center, Austin Texas, March 10, 2014.
2011	**Panelist Come Together: Digital Collaboration in the Academy and Beyond**, Queen's University, Kingston Ontario.
	Panelist Open Engagement at Portland State University, Global Perspectives on Art and Social Practice.

Workshops/Residencies

2022   **St. Polten Creative Media Summer School**, St. Polten University, St. Polten Austria,
            June 27 - July 1
2021   **Space Art Workshop**, Collaboration between Andrew Blanton, Wafaa Bilal, and Dr.
            Nada Shabout between the University of North Texas and San José State University.
2018   **Workshop**, NUVU Workshop on Augmented Reality hosted at MIT, July 2018.
2017   **eNTERFACE workshop**, Portugal July 3-28, 2017.
            Artist in Residence Signal Culture, June 20-28, 2017.
2016   **Residency STEIM Amsterdam**, June 22nd-July10th, 2016.
2013   **Residency STEIM Amsterdam**, April 13th-April26th, 2013.

Press

2017   **Feature CDW EdTech Magazine** https://edtechmagazine.com/higher/article/2017/08/
            campus-artists-take-inspiration-digital-media August, 2017.
            Feature Samsung Electronics https://insights.samsung.com/2017/05/23/virtual-
            reality-tech-takes-place-new-media-art-programs/ May, 2017.
2016   **Interview** with Corey Metcalf of Cycling74 published on the Cycling 74 website, What
            you See is What You Hear, August 2016, https://cycling74.com/2016/08/09/what-
            you-hear-is-what-you-see-an-interview-with-andrew-blanton/.
            Interview dfm.nu radio Amsterdam, June 15th, 2016.