

# Andrew Blanton

## Education

- 2026**      **Ph.D. Music Composition**, University of California, Berkeley (Expected May)
- 2013**      **Master of Fine Arts 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, CADRE Media Labs and Digital Media Art Program. Overseeing the program of 500 undergraduates and 12 graduate students as program coordinator for six years and previous graduate coordinator; redefining curriculum through a theory/history/practice-based approach. Authoring classes in VR/MR/AR, Experimental 3D, Sound Art, Data Visualization, and Media Theory. Leading 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; working between the School of Music and Computer Science.
- 2019–Present**    **Ph.D. Student**, University of California, Berkeley. Working closely with the Center for New Music and Audio Technology (CNMAT) on tools for live augmented performance environments including real-time 3D environments with networked spatialized audio and networked multichannel video and rendering.
- 2016–2019**      **Faculty in Residence**, San Jose State University. Campus Village Two and the Arts Village event organization with students; managed 2016–2017 and 2017–2018 SJSU LASER events and other student events.
- 2013–2014**      **Adjunct Professor**, Southern Methodist University. Teaching 3D Animation with Maya at the Center of Creative Computation with emphasis on 3D modeling, animation, and exporting 3D objects for printing.

## Research and Technical Appointments

- 2017–2019**      **Guest Researcher**, University of California, Berkeley (CNMAT). Built custom environments in virtual reality and spatialized audio; worked closely with Edmund Champion on development of new audio technology and compositions for experimental music performance.
- 2013–2014**      **Senior Lecturer and Research Fellow**, University of Texas at Dallas. First research fellow in Dr. Roger Malina's Art Science Lab; worked on sonification and visualization of large datasets and methods of interactivity with data.

- 2011–2013**      **Research Assistant**, University of North Texas – *Moebius Journal*. Research assistant to Professor David Schwarz on development and launch; editorial board member of *Moebius*, an 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**, Advanced Technology Group. Front-end UI design and rapid prototyping; worked on a suite of applications including a web portal, the TWCable iPad app (#1 in iTunes for the week of March 15, 2011), Samsung TV IPTV app, Sony TV app, and a Galaxy tablet app featured in the 2011 CES keynote (Las Vegas).
- 2001–2009**      **Technical Associate**, Integrated Micro Solutions, Denver CO. Eight years 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 production of Mendelssohn's *Elijah* at the Hammer Theater in San Jose 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 (DARPA) – \$276,000** (September 2015–September 2016). *DataStetho*: Development of a data sonification engine visualizing and sonifying fMRI data from human subjects ages 20–50. Worked with the Center for Vital Longevity at the University of Texas at Dallas; Principal Investigators Dr. Roger Malina and Dr. Gagan Wig.
- 2015–2016**      **National Endowment for the Arts (NEA) – \$25,918** (January 2015–December 2016). *Instrument: One Antarctic Night*: development of the art installation and toolkit of the data remix engine 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> – Multiplayer 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 Feb 2020).
- 2021–Present** **ANIMORPH.ES** – <https://animorph.es> – Application for browser-based projection mapping (published Jan 2021).
- 2017–2024** **MODULATOR** (Deprecated) – [App Store](#) – Application as artwork; published in the Apple App Store Feb 2014 with revision/update Jan 2017.
- 2012–2018** **StandaloneV2 App** (Deprecated) – [App Store](#) – Sound Art application; published Jan 2012–Dec 2018.
- 2012–2018** **StandaloneV1 App** (Deprecated) – [App Store](#) – Sound Art application; published Mar 2012–Dec 2018.
- 2010** **TWCable App** – [App Store](#) – First application featuring live television on the iPad; published Nov 2010; featured in the 2011 Consumer Electronics Showcase keynote (Las Vegas). (Now Spectrum TV app after Time Warner/Charter merger.)

## Papers and Publications

- 2021** Chapter: **"Sound of Feeling,"** in *Data Dating*, 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).
- 2019** Exhibition catalog (contributing essay): ***Time Tunnel: Bruce Nauman's Corridor Installation with Mirror – San José Installation (Double Wedge Corridor with Mirror)***, Natalie and James Thompson Art Gallery, San José State University (published on the occasion of the exhibition, January 30–February 23, 2018) – [Clark Art Library](#) (ISBN 9780972198448).
- 2017** Chapter: *The 3D Additivist Cookbook*, **"Perception,"** The Institute for Networked Technologies, Amsterdam Netherlands (January 2017).
- 2016** Proceedings Publication: International Symposium on Electronic Art (ISEA), June 2016. **"Virtual 3D Sound Sculptures for Real-Time Performance: Reappropriation of game engines for visual music performance."**
- 2015** Proceedings Publication: Understanding Visual Music, University of Brasília, Brazil, June 2015. **"Connectome Data Dramatisation: The Human Brain as Visual Music."**

**Performance / Solo Installation / Exhibition**

- 2026**      **The CADRE 40 Symposium** – Symposium Director and Organizer. 40th Anniversary of the CADRE Media Labs. Presented by the Department of Art and Art History at San Jose State University and San Jose Museum of Art. April 11th 2026.
- The CADRE 40 Performance** – Tower Hall, San Jose State University. Event organization and performance. With performances by Andrew Blanton, Shaun O'Dell, Esteban Garcia-Bravo, and Steve Durie. April 11th 2026.
- Retro Tech Night** – San José Museum of Art – Digital Swap Meet. March 19th 2026.
- 2025**      **The Days** – Procedural animation and installation in collaboration with Claudia Hart, May 5th, Bitforms Gallery New York (Patterns and Politics, Francisco Carolinum Linz; SJSU Digital Media Art Faculty Exhibition)
- 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 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 / E.A.T. WORKS / Art Blocks / NFT.NYC in collaboration with 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.

**Solo Performance**, Lafayette Electronic Arts Festival (LEAF). (LEAF2021::VIDEOWALL), Lafayette Colorado, May 7-10, 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, panthermodern.org, 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, Shiraz Iran, May 30, 2014.**

**Group Exhibition Bitrates, Shiraz 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, São 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 internationale des Arts, Paris France, June 25-July 24, 2012.**
- Solo Performance, HAKIRI 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 Electroacoustic 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 (ISEA) 2016, Hong Kong, May 18th-21st, 2016.  
**Artist Talk**, LivingRoom Light Exchange, March 15th, 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 - July 10th, 2016.
- 2013**      **Residency**, STEIM Amsterdam, April 13th - April 26th, 2013.

## Press

- 2019**      **Interview**, **LAST Magazine** – [“Andrew Blanton: Sound in the Machine”](#) (May 9, 2019).
- 2017**      **Feature**, [CDW EdTech Magazine](#) (August 2017).  
**Feature**, [Samsung Electronics](#) (May 2017).
- 2016**      **Interview with Corey Metcalf of Cycling74** – [“What you See is What You Hear”](#) (August 2016).  
**Interview**, dfm.nu radio Amsterdam, June 15th, 2016.