

CURRICULUM VITAE

NAME

Cyane Tornatzky

EDUCATION

BA, Major: Philosophy, The College of Wooster, Wooster, OH

MA, Education, San Francisco State University, San Francisco, CA

MFA, Concept/Information Arts, San Francisco State University, San Francisco, CA

RESIDENCIES

(2024) Signal Culture – Loveland, Colorado

(2014) ISIS ARTS 4-Week Residency – Newcastle-upon-Tyne, UK

(2014) Foundation OBRAS-Holland 4-Week Residency – Renkum, Netherlands (2010)

(2010) ART342 15-Week Residency – ART 342, Fort Collins, CO

PERFORMANCES, EXHIBITS, PRODUCTIONS (Visual/Performing Arts):

My visual artistic practice connects to my writing and more technical research in that it focuses on how we as humans (and myself as a woman) relate to technology. Several works focus on the stereoscope – a device developed in the 1850s that was a forerunner to today’s virtual reality lenses. These artworks combine stereoscopic glasses with video to produce a 3D effect. Other works focus on projection mapping – experimental video animations projected onto sculptural elements, thus bringing the pixelated digital world into our analog physical world. Lastly, my practice involves experimental animation. For me, the experimental animations allow me to combine my first love – drawing – with visuals through the use of code. These experimental animations are akin to a painter’s sketches – a way to think through other aspects of my artistic practice, but that have become well-received and exhibited artworks in themselves.

SOLO AND SMALL GROUP EXHIBITIONS

2024

“Liquid Time” Esther and John Clay Fine Art Gallery - LCCC | Laramie County Community College, Cheyenne, WY [invitational, solo exhibition]

2018

“Adrift” Art Gallery, University of Montevallo, Montevallo, Alabama [solo exhibition, invitation to submit]

2018

“Terrestrial” RAMP Gallery, Asheville, NC

[Curator: Dr. Victoria Bradbury; Assistant Professor of New Media, UNC Asheville, North Carolina [invitational, four-person exhibition, national]

2018

“Head In The Cloud” Directions Gallery, Colorado State University, Fort Collins, Colorado [solo exhibition, invitation to submit]

2012

“Longing for Something” University Center Art Gallery, Colorado Mesa University, Grand Junction, Colorado [solo

exhibition, invitation to submit then juried by art department faculty]

2011

“Little Lives”, Gallery 482, Oakland California [invitation, solo exhibition]

2007

“Repetitious Antics: The Collaborative Artwork of Jessica Walker and Cyane Tornatzky”, Clayman Institute for Gender Studies, Stanford, CA [two-person exhibition, invitation to submit then juried by art department faculty]

JURIED ACTIVITIES and INVITATIONAL ACTIVITIES (as noted)

2023

“Local Accomplices” .MOV (Month of Video), Sharp Auditorium, The Denver Art Museum [invitational, group screening]

2022

“Currents Festival 2022: Circuits art + technology festival”, Santa Fe Fairgrounds, part of exhibition including Center for Contemporary Art (CCA), Currents 826, form & concept, and SITE Santa Fe. Santa Fe, NM Jurors: Mariannah Amster, Frank Ragano [juried, international exhibition]

“My mama told me I’m experimental” Saigon Experimental Film Festival (SEFF) Satellite Program, 76 Ngọc Lâm, Long Biên District, Hanoi [juried, international screening]

EVENTS AROUND SUPERNOVA EXPERIMENTAL ANIMATION FESTIVAL

“7th Annual Supernova Digital Animation Festival: 7th Dimension” Sie Film Center, 2510 East Colfax Ave, Denver, [invitational, group screening]

“7th Annual Supernova Digital Animation Festival: Colorado Artist Spotlight” Buell Theatre in the Arts Complex, Denver, Colorado {invitational, group screening]

“7th Annual Supernova Digital Animation Festival: Colorado Artist Spotlight” Online for one day [juried, international screening]

“New Directions” Sarajevo Winter Festival, International Peace Center, Sarajevo, Bosnia and Herzegovina [invitational, international, group exhibition]

"Indivisible" University Gallery, Dar Al-Kalima University, Bethlehem, Palestine [invitational, international, group exhibition]

“Common Nature” El Centro de Memoria, Paz y Reconciliacion, Bogota, Colombia [invitational, international, group exhibition]

2021

“Goa Short Film Festival” Art and Culture Auditorium in Panaji, Goa, India [juried, international screening]

“Kerala Short Film Festival” Misty Mountain Resort of Munna, in Idukki district of Kerala, India [juried, international screening]

“Goa Short Film Festival” Art and Culture Auditorium in Panaji Goa, India [juried, international screening]

“6th Annual Supernova Digital Animation Festival: Re-Generation” Hosted by Denver Digerati, streamed online with membership. Director’s Choice Juror: Ivar Zeile [juried, international screening]

“Kerala Short Film Festival” Misty Mountain Resort of Munna, in Idukki district of Kerala, India [juried, international screening]

“Experimental Pints and Films”, Lyric Cinema and Cafe, Fort Collins, Colorado [invitational, international, group

screening] VIDEO and live performance

“Meow Wolf Convergence Station” Meow Wolf’s Orpheum Theatre, Denver, Colorado Included in a 20-minute reel of nine digital works of motion art [juried, international screening]

“Creation in Isolation”, Collaboration with Samantha Bounkeua and Frankie Rollins, Groundworks, Subspace & gallery, Blackledge Community Collective, Tucson, Arizona [juried, national exhibition,]

“Uncanny Times”, Seidel City, Boulder, Colorado Juror: Terry Seidel [juried, regional exhibition]

“New Appalachia Mixed Exhibition”, Vestige Gallery, Pittsburgh, Pennsylvania Juror: Kyle Houser [juried, national exhibition]

“Americas 2021: Paperworks”, Northwest Arts Center, Minot State University, Minot, North Dakota Juror: Aaron S. Coleman [juried, international exhibition]

“Shear Madness: Juried Collage Exhibition”, The Northville Art House, Northville, Michigan Juror: Edee Joppich [juried, international exhibition]

“Self Reflections”, Foundry Art Centre, St. Charles, Missouri Jurors: Natalie Baldeon [juried, international exhibition]

“Community Arts Network of Oneonta Annual Mansion Show”, Wilbur Mansion, Oneonta, New York [juried, national exhibition]

ARTNATUS TRAVELING EXHIBITION

“Without Borders”, Elysium Gallery, Swansea, Wales [invitational: international, group exhibition]

“Without Borders”, Art Spot Korin, Kyoto, Japan [invitational: international, group exhibition]

2020

“Fourth Annual International Short Film Festival”, Aggregate Space Gallery, Oakland, California (Moved online due to COVID-19) Jurors: Santiago Insignares, Carey Lin, and Fu Yang [juried, international, group screening]

“Common Grounds”, Online VR Collaboration with DXIX (USA) and Pension Almonde, The Netherlands [invitational, international, group exhibition]

“Tokyo Lift-Off Film Festival”, Online weekend screening Tokyo, Japan (Moved online due to COVID-19) Jurors: Tokyo Lift-Off Film Festival Jurors [juried, international, group screening]

“Locals Only”, Collective Misnomer Online Screening Denver, Colorado Jurors: Adan De La Garza, Jeanna Maurice [juried, local, group screening]

“WOMEN (Cis & Non-Cis) Artist”, Art Juxtapoze, Rosendale, New York Juror: Silvia Diaz [juried, international, group exhibition]

“COMX”, Long Beach Island Foundation of the Arts, Long Beach Island, NJ [juried, international, group exhibition]

2019

“SuperNova Digital Animation Festival”, Galleria at Performing Arts Complex, Denver, Colorado Juror: Sara Shoshana Roth, Brian Ng, Danou He, [juried, international, group screening]

TRAVELED: “SuperNova Digital Animation Festival”, Promenade Park, Toledo, Ohio Juror: Sara Shoshana Roth, Brian Ng, Danou He, [juried, international, group screening]

“New York Short Film Tuesdays”, La Mancha Tapas, Brooklyn, New York Jurors: USA Independent Film Festival & New York Eurasian Film Festival

[juried, international, group screening]

“Clones Film Festival Short Fiction, Animation & Documentary Competition 2019”, Clones Courthouse, Clones, Ireland.
[juried, international, group screening]

“2019 co|show global poster biennial 2019”, 437CO Art Gallery, Colorado Mesa University, Grand Junction, CO.
[invitational: international, group exhibition]

“ARCHITECTONIC”, Foundry Art Centre, St. Charles, Missouri
Juror: Nancy Newman Rice, Maryville University [juried, international, group exhibition]

2018

“Bring Your Own Beamer” (Hosted by) Redline Gallery, Denver, CO [invitational, international screening]

“Electron Salon #1” Los Angeles Center for Digital Art, Los Angeles, CA [invitational, international] exhibition

“Present From the Past”, VETS Gallery, Providence, Rhode Island
Juror: Mary Dondero, Bridgewater State University [juried, international, group exhibition]

“10th Annual Juried Show”, Riverviews Artspace, Lynchburg, Virginia
Juror: Terence Washington, National Gallery [juried, national, group exhibition]

“Hybridity”, Edwardsville Arts Center, Edwardsville, Illinois
Jurors: Brigham Dimick, Joe Page [juried, national, group exhibition]

“Open Source” Los Angeles Center for Digital Art, Los Angeles, California [invitational, international exhibition]

“Small Wonders” Hey Hue Pop-Up Gallery, Denver, Colorado [invitational, regional exhibition]

“Sex Drugs Rock And Roll” Hey Hue Pop-Up Gallery, Denver, Colorado [invitational, regional exhibition]

“Fort Collins Artist Studio Tour” Carnegie Center for Creativity, Fort Collins, Colorado [invitational, regional exhibition]

“Conversion” Co-curator, Carnegie Center for Creativity, Fort Collins, Colorado [invitational, regional exhibition]

“Connections” Exhibition Space of the Europe House, Zagreb, Bosnia [invitational, international exhibition]
American Art: The ARTNAUTS COLLECTIVE, Casa de la Cultura del Guaviare, San Jos., Guaviare, Colombia
[invitational exhibition]

Universidad Nacional de Colombia, Leticia, Amazonas, Colombia [invitational exhibition]

Biblioteca P.blica Municipal, Puerto Inirida, Guain.a, Colombia [invitational exhibition]

Galer.a Artificio, Villavicencio, Meta, Colombia [invitational exhibition]

El Barrio La Madrid, Villavicencio, Meta, Colombia [invitational exhibition]

Biblioteca Del Municipio De Taraira, Departamento del Vaupes, Colombia Comunidad Indigena Cubeo [invitational exhibition]

“Wounds” Dar al-Kalima Gallery, Dar al-Kalima University College of Art/Culture, Bethlehem [invitational, international exhibition]

2017

“Electron Salon #2” Los Angeles Center for Digital Art, Los Angeles, California [invitational, international exhibition]

“Member Show” Los Angeles Center for Digital Art, Los Angeles, California [invitational, international exhibition]

“Electron Salon #1” Los Angeles Center for Digital Art, Los Angeles, California [invitational, international exhibition]

“The Nth Degree”, Foundry Art Centre, St. Charles, Missouri Juror: James Chase [invitational, international exhibition]

“CO2 Poster Biennial” Grand Junction Art Center, Grand Junction, Colorado [juried, regional, international exhibition]

“Fembroidery” Manetti Shrem Museum of Art, Davis, California [invitational, international exhibition]

“ArtMix” Boulder Museum of Contemporary Art, Boulder, CO [invitational, regional, national, international exhibition]

“Fall Members Show” Los Angeles Center for Digital Art, Los Angeles, CA [invitational, international exhibition]

“Globalocation II” Broward College, Rosemary Duffy Larson Gallery, Davie, Florida [invitational exhibition]

“Meta Journey” Winter Festival, Sarajevo, Museum of Natural History, Sarajevo, Bosnia/Herzegovina [invitational: off-campus, international exhibition]

2016

“Electron Salon” Los Angeles Center for Digital Art, Los Angeles, California [invitational, biannual group show, international]

“Motion Art” Knoll Gallery, Denver, Colorado [invitational, regional, showing as invited juror]

“Zeitgeist” Greatmore Studios, Cape Town, South Africa Harare Academy of Inspiration, Khayelitsha, Capetown, South Africa, July [invitational, international exhibition]

“ArtMix” Boulder Museum of Contemporary Art, Boulder, Colorado [invitational, national, international]

“A Quest for Permanence” Florida Gulf Coast University, Fort Myers, FL Curator: Michael Salmond [invitational, curated invitation]

"Soul Drift," Winter Festival Sarajevo, Mala Sala, Historijski muzej Bosne I Hercegovine (Museum of Natural History Sarajevo), Sarajevo, Bosnia/Herzegovina, 2016 [invitational: off-campus, international]

“Rally ‘Round the Flag”, Redline Gallery, Denver Colorado, Juror: Linda Weintraub [juried, international, group exhibition]

2015

“In Place” The Global Mall in Antioch, Antioch, Tennessee, Curated by Alexine Rioux, Kayla Saito, and Mika Agari; [juried, international exhibition]

“Geometry” Hera Gallery, Wakefield, Rhode Island [juried, national group exhibition]

2014

“2014 Armstrong National 2-D Exhibition” Savannah, Georgia [juried, national call, group exhibition]

“Identity” University of the Andes, Bogota, Colombia [invitational, international group exhibition]

“Anniversary of the Civil Rights Act”, Denver and Boulder, CO Venues [invitational: international group exhibition]

2013

“LTC Digital Printmaking Show 2013” LTC Community Media Center, Lowell, MA {juried, international call, group exhibition]

“NYC – BordoBello” AIGA National Design Center Gallery, New York, New York {juried, national call, group exhibition]

“Compass: Navigating the Journey to Self-Identity” Orange County Center for Contemporary Art, Santa Ana, CA {juried, international call, group exhibition]

“Cableland Art Project 2013”, Cableland, the Official Residence of the Mayor of Denver, Denver, CO {juried, regional call, group exhibition]

Traveling Show “Place” Centro Comercial Plaza, Puerto Inirida, Colombia [invitational, group exhibition]

“Diptych America” China Central Academy of Fine Arts, Beijing, China [invitational, group exhibition]

2012 “Show #4”, Field Projects Gallery, New York, New York
Juror - David C. Terry, Director of Programs/Curator, New York Foundation for the Arts {juried, international call, group exhibition]

2012 “Man Up!” Gallery in the Duderstadt Center The University of Michigan Ann Arbor, Michigan Juror - Suzy Lake
“Combining photography, performance, film and video Lake’s work is notable for its early investigations into the idea of identity as a construct” - http://en.wikipedia.org/wiki/Suzy_Lake {juried, national call, group exhibition]

“The River” Poudre River Center for Fine Arts, Fort Collins, CO [international group exhibition]
EXPANDED CINEMA INSTALLATION

“The Ecological Imperative” Museum of Contemporary Art, Valdivia, Chile [international group exhibition]

“The Unsung Heroine” The Art Center, Corpus Christi, Texas Juror - Melida Buentello-Olivo {juried, national call, group exhibition]

“CSU Art and Science Exhibition” Lincoln Center Gallery, Fort Collins, Colorado {juried, local call, group exhibition]

2011 “1 : 1” Ice Cube Gallery, Denver, CO [artist invitation, regional]
“Bordobello” Redline Gallery, 2350 Arapahoe St, Denver [national invitation]

2010 Traveling Video Work:
“Self Portrait: The Home Scientist Gets to Know Herself” 2005 – 2009 These shows are part of the NewMediaFest 2010

-Delhi International Arts Festival 2010 “Video Works at Edge Logue 2010”, New Delhi, India

-Budapest International Shortfilm Festival “ BuSho 2010”, Budapest, Hungary

-VideoChannel Cologne, “[self] ~imaging”, Cologne, Germany
{juried, international call, film festival(s)]

“Warm”, Hatton Gallery, CSU Fort Collins, CO [three person show, invitational]

2009 “The Annual Art and Science Exhibition”, Curfman Gallery, Fort Collins, CO (Highest Honors) {juried, local call, group exhibition]

2007 “Little Joy: Small Works”, Swallow Gallery, Los Angeles, CA
{juried, national call, group exhibition]

2006 “Immediate Future” San Francisco Arts Commission Gallery, San Francisco, CA
{juried, regional call, group exhibition]

2006 Travelling Exhibition: “Engendered Species” The Advocate Gallery, “Engendered Species”, Los Angeles, CA
California State University, Long Beach “Engendered Species”, Long Beach, CA {juried, international call, group exhibition]

‘Queer Eye’, University of Massachusetts Gallery, Boston, MA

{juried, international call, group exhibition]

“Cinema Sports”, Orinda Film Festival, San Francisco, CA [invitational film festival, regional and national work]
2005 “Experimental Video Works from New Media Artists”, Artists’ Television Access, San Francisco, CA [invitational:
local group video exhibition]

ACADEMIC POSITIONS

2015 – 2023 Associate Professor, Department of Art and Art History, Colorado State University

2008 – 2014 Assistant Professor, Department of Art and Art History, Colorado State University

2000 – 2008 Lecturer, Multimedia Studies, City College of San Francisco, San Francisco, CA

2001- 2002 Lecturer, Design and Industry, San Francisco State University, San Francisco, CA

2001 – 2003 Lecturer, Digital Art, College of San Mateo, San Mateo, CA

2002 Lecturer, Multimedia Studies, San Jose City College, San Jose, CA

SABBATICALS

(2021-2022) Sabbatical was spent writing book on VR as an art medium “An Artistic Approach to Virtual Reality”; I served as CoPI with CVMBS professor Pedro Boscan for a research project entitled “Virtual Reality Training for Veterinarians”; I served as a CoPI on a project with CS Professor Francisco Ortega “Multimodal Interactive VR Sketching”;

(2014) My sabbatical research was spent as an artist-in-residence for two distinct residencies: the first at ISIS Arts in Newcastle-Upon-Tyne, England; the second at Foundation OBRAS in Renkum England. During these residencies I focused on current topics and trends in new media/electronic art as well as the creation of site-specific installations.

OTHER POSITIONS

2001- 2004 Scientific Animator, Gene Ed, San Francisco, CA

1999- 2002 Web Designer, Phoenix Pop Productions, San Francisco, CA

2000-2008 Freelance Web Designer, San Francisco, CA

1997-2000 Vocational Educator, Jewish Vocational Services, San Francisco, CA

CV SECTION 2: Publications/Scholarly Record

PUBLISHED WORKS

In presenting my published works, I want to talk a bit about new media (also called electronic art) as a medium. At the level of full professor, the research for new media faculty can look different from other areas. For instance, an artist’s research can include the scientific and technological – it can also include about the medium and its various presentations and output. It also often falls to new media artists to write about the work of their peers and early pioneers. As the field is so recent, there are few art historians writing about contemporary new media practices. Often it falls to artist technologists who understand the nuances of creating work in the digital realm to write and explain the work of others.

The following publications focus on virtual reality. The book I co-authored talks about the history of virtual reality as an art form, as well as contemporary artists making work in the medium. The journal articles are examples where we are building applications for virtual reality to see what the medium can offer. I have been fortunate enough to work with wonderful colleagues across Colorado State’s various colleges and departments, including: Engineering, Computer Science, as well as many folks from the College of Veterinary Sciences and Biomedical Engineering.

1. Books

Tornatzky, C., Kelley, B. (in press). In Sean Connelly (Ed.), *An Artistic Approach to Virtual Reality* (pp. 275).: Routledge (Taylor and Francis Group).

2. Refereed Journal Articles

Boscan, P. L., Tornatzky, C., Vans, M. (2023). Can Virtual Reality Train your Veterinary Team? *Journal of Veterinary Science*.

Boscan, P. L., Tornatzky, C., Vans, M. (in press). Anesthesia Machine Training Using Virtual Reality. *Journal of Veterinary Anesthesia and Analgesia*, 55, October 2023(ISSUE 6). <https://www.vaajournal.org/>

Boscan, P. L., Tornatzky, C., Vans, M. (in press). Veterinary Performance Using Virtual Reality. *Journal of Veterinary Emergency and Critical Care*.

3. Refereed Proceedings or Transactions

Tornatzky, C., Kelley, B. (2019). In Stephen N. Spencer (Ed.), *An Artistic Approach to Virtual Reality* (Article No: 36 ed., vol. November 2019, pp. 5).: Association for Computing Machinery. <https://dl.acm.org/doi/10.1145/3359997.3365701>

3. Submitted Proceedings or Transactions

Ortega, F., Donaji Machuca, M., Tornatzky, C., Batmaz, A. U., *An Artists' Perspectives on Natural Interactions for 3D Sketching*. Submitted to 2024 The ACM (Association of Computing Machinery) CHI conference on Human Factors in Computing Systems

CONTRACTS & GRANTS

Externally-Funded Award Pending as CoPI

Years Active: 3, "The integration of real-time adaptive training algorithms in VR for STEM-based Graduate education", Vans, M. (PI), Tornatzky, C. (CoPI), Tornatzky, P. L. (CoPI), Systems Engineering, Colorado State U, \$494,330.00.

Externally-Funded Award Active as CoPI

Years Active: 0, "Is Interactive Virtual Reality with Educational Feedback Loops a Suitable Technology for Veterinary Medicine Training", Boscan, P. L. (PI), Rao, S. (CoPI), Tornatzky, C. (CoPI), Vans, M. (CoPI), 1Veterinary Teaching Hospital, 2Computer Sciences, 3College of Liberal Arts, 4System Engineering, 5College of Veterinary Medicine Information Technology, and 6Clinical Sciences, Colorado State University., \$60,000.00.

Externally-Funded Award Not Funded

Years Active: 1, "Research Grants on Education: Small", Boscan, P. L., Tornatzky, C., Vans, M., Spencer Foundation Research Grant, \$49,988.00.

Years Active: 1, "Research on Emerging Technologies for Teaching and Learning", Boscan, P. L., Tornatzky, C., Vans, M., NSF, \$603,378.00.

Externally-Funded Award Not Funded

Years Active: 2, "PAR-22-108 FDA-U01", Boscan, P. L., Tornatzky, C., Vans, M., FDA, \$1,500,000.00.

Years Active: 1, "Advanced Industries Proof of Concept", Boscan, P. L., Tornatzky, C., Vans, M., Colorado Office of Economic Development and International Trade (OEDIT), \$199,999.00.

Internally-Funded Award Active as CoPI

Years Active: 2, "VetVR Virtual Reality for Veterinarians", Boscan, P. L. (PI), Tornatzky, C. (CoPI), Ortega, F. R. (CoPI), OVPR, \$196,076.00.

Internally-Funded Award Active

Years Active: 1, "Young Investigator Grant 2022", Tornatzky, C., Boscan, P. L., Vans, M., CVMBS, \$3,000.00.

Internally-Funded Award Funded as PI

Years Active: 0, "Humanities Seminar with Aaron Jones", Dineen, M. (CoPI), Tornatzky, C. (PI), Fahey, P. G. (CoPI), Jones, A. (CoPI), Colorado State University Department of Art and Art History, \$15,000.00.

Internally-Funded Award Not Funded

Years Active: 1, "Advanced Industries", Boscan, P. L., Tornatzky, C., Vans, M., CSU-Strata, \$169,932.00.

PAPERS PRESENTED/SYMPOSIA/INVITED LECTURES/PROFESSIONAL MEETINGS/WORKSHOPS

March 25, 2022, "Virtual Training for Veterinarians", 2022 the 6th International Conference on Virtual and Augmented Reality Simulations, International Conference on Virtual & Augmented Reality Simulations (ICVARS) (2022), (Presenter) Tornatzky, C., peer-reviewed/refereed.

December 2020, "Interconnected: Interactivity, Games, and Art", Gamifying Art and Design, SECAC - Richmond, Sponsored by Virginia Commonwealth University, (Presenter) Tornatzky, C., Kelley, B., peer-reviewed/refereed.

*March 2020, "Digital to Analog: Using P5.js to Draw (DEFERRED)", UC Davis Department of Design, University of California at Davis, (Presenter) Tornatzky, C.

October 2019, "Collaborative Learning: An Old Dog Learns New Tricks", Stories from the Trenches, South Eastern College Art Conference, peer-reviewed/refereed.

*October 22, 2017, "'A History of Artists in VR: Everything Old is New Again'", CSU 2017 Virtual & Augmented Reality Symposium, CSU Office of the Vice President of Research.

October 17, 2017, "'Thinking, through and with Art: Artistic Practice as Research", Practice as Research in Visual Arts, SECAC, peer-reviewed/refereed.

October 18, 2016, "Transposing What We See: New Aesthetics 2.0", New Aesthetics and the Postdigital, Their Effect on Contemporary Art, SECAC, peer-reviewed/refereed.

*May 15, 2016, "An Attempt at Recreating Utopia Through Mechanical Means", Exhibition: A Quest for Permanence, Main Gallery - Florida Gulf Coast University, (Presenter) Tornatzky, C. R.

*April 14, 2016, "Race, Diversity, Inclusivity, and Intellectual Freedom in the Classroom", The Gill Conversations in the Liberal Arts: A Series of Faculty Reflections.

*January 2016, "KFRC Local Culture Program", KFRC Radio, KFRC.

ENGAGED SCHOLARSHIP

As an artist, engaged scholarship is about creating an opportunity for community-based participatory research: This involves partnering with communities to identify research questions, conduct research, and disseminate findings with the

goal of addressing issues that the specific community faces.

For my work on the veterinary training application that I developed with Dr. Pedro Boscan from CVMBS, we worked closely with online gaming communities to see what they'd like to see in virtual reality training simulation – we then made sure that we incorporated their feedback into our research project. This collaborative back and forth was fun and educational – as a “digital immigrant” my understanding of the gaming world is incomplete. It was a joy to have younger folks explain why they liked what they liked in terms of virtual reality training.

In terms of the virtual reality sketching tool I created with Dr. Francisco Ortega of the Computer Sciences department, we had artists come in and try drawing in virtual reality. These artists were videotaped, and asked what they'd like to see in a virtual drawing tool. Their answers were surprising and informative – and it feels exciting to be part of a team developing a digital tool that artists will want to use.

As a new media artist, I am already exploring new techniques for creating artwork within digital formats. It has been a joy to expand my research practice to include communities within computer science, veterinary science and systems engineering (through Dr. Marie Vans) – there is plenty of overlap and education for my own creative practice.

COLLABORATIVE & INTERCOLLEGIATE & INTERDISCIPLINARY SCHOLARSHIP

2019-2020

Awarded Carl A. Bimson Humanities Seminars

"CRAFTING INNOVATIVE SPACES: A Workshop in Design Thinking for K-12 Teachers"

We propose a Carl A. Bimson Humanities Seminar for K-12 teachers that creates a template for ways to think about crafting innovative spaces. Through a collaborative workshop led by teaching mentors and visionary professionals, K- 12 teachers will explore a range of methodologies and formats relating to art and design practice. Using design thinking to creatively problem solve, the K-12 teachers will spend a week during the summer to develop experimental projects based around a methodological and philosophical practice that blends landscape architecture, community development, architecture and urban design.

2020-2023

Title: VetVR Virtual Reality for Veterinarians

PI:

¹Pedro Boscan DVM, MSc, PhD, DACVAA (pboscan@colostate.edu) Veterinary Medicine

Co-PI:

²Cyane Tornatzky (Cyane.Tornatzky@colostate.edu) Department of Art and Art History

Wenjing Jiang, CVMBS

Marie Vans, Systems Engineering

OTHER ACTIVITIES/ACCOMPLISHMENTS REPRESENTING CONTRIBUTIONS TO THE DISCIPLINE

Copyright

Boscan, P. L., Tornatzky, C., Vans, M. "Liekos Studios," Licensed to: Boscan, Tornatzky, Vans, Jiang. (Submitted: November 2022, Application: December 2022).

Boscan, P. L., Tornatzky, C., Vans, M. "VetVR," Licensed to: Liekos Studios. (Submitted: November 2022, Application: December 2022).

A few articles written about projects I've worked on

Manning, Anne. (2022) "Can virtual reality play a role in veterinary education? CSU researchers think so". *CSU Source Magazine*, Colorado State University, Fort Collins, CO.

<https://cvmb.s.source.colostate.edu/can-virtual-reality-play-a-role-in-veterinary-education-csu-researchers-think-so/>

Boyd, Kealey. (2022) "Artnauts Founder George Rivera Reflects on 25 Years of Art and Activism"
Hyperallergic. <https://hyperallergic.com/745201/artnauts-founder-george-rivera-interview/>