

Curriculum Vitae

Education

2008	MFA, University of Wisconsin - Milwaukee; Milwaukee, WI; Painting and Drawing.
2007	MA, University of Wisconsin - Milwaukee; Milwaukee, WI; Painting and Drawing.
2002	BFA. University of Wisconsin - Stout: Menomonie WI: Studio Arts.

Professional Experience

2023 - Present	Media Arts and Game Development Coordinator, University of Wisconsin - Whitewater
2019 - Present	Associate Professor, University of Wisconsin - Whitewater
2013 - 2019	Assistant Professor, University of Wisconsin - Whitewater
2010 - 2013	Assistant Professor, Penn State Altoona.
2008 - 2010	Associate Lecturer, University of Wisconsin - Milwaukee.
	Part-Time Faculty, Milwaukee Institute of Art and Design.
2006 - 2008	Instructor of Record/Graduate Teaching Assistant, UW - Milwaukee.
2003 - 2005	Construction Assistant, Twin Cities Habitat for Humanity Americorps

Courses Taught

Motion Graphics, Digital Video, Visual Effects, Motion Capture, Capstones In Game Development, Digital Foundations, Drawing For Digital Media, Electronic Illustration, Observational Drawing, Experimental Animation, Web Design, Internet Art

Awards, Grants, Fellowships

2024	GPF Foundation Funded Educational Game Development Fall 2023 and Spring 2024
2023	UWW Faculty Sabbatical, Motion Capture Research Spring 2023
2022	UWW College of Arts and Communication Interdisciplinary Collaboration Fund
2019	UWW College of Arts and Communication Excellence in Service Award
2018	UWW Faculty Initiative for Research Excellence (FIRE) Grant
	UWW College of Arts and Communication Interdisciplinary Collaboration Fund
	UWW Department of Art and Design Excellence in Research Award
2017	UWW Department of Art and Design Excellence in Research Award
2016	UWW Department of Art and Design Excellence in Research Award

Exhibitions and Performances

2025

60th Anniversary Alumni Exhibition, invitational group exhibition, School of Art and Design Gallery 209, UW Stout, Menomonie WI Oct 6-24 2025

Guest Artist Recital, audiovisual screening program, Western Michigan University, Dalton Center Recital Hall, Kalamazoo MI, March 26 2025

SEAMUS 2025, live concert program audiovisual screening, Purdue University, Fowler Hall Lafayette, IN March 22 2025

Bell Monks Concert, livestream visuals performance, twitch.tv, March 20 2025

2024

Project Projection, local group film and video screening program, Arts & Literature Laboratory, Madison, WI Oct 9 2024

Constellations ISEA2024, curated animation program, Ars Electronica, JKU MED Campus Linz Austria Sept 4-8 2024

Screen Arts Program, group exhibition at International Symposium on Electronic Art (ISEA2024), QUT Creative Industries, Brisbane Australia, June 27-28 2024

NFT/NYC Rooftop Artist Village, North Javits Hudson Yards April 3-5 2024

"Sensory Disconnection" group exhibition in conjunction with The Wrong Biennale, Online, 2023/24 https://nota.space/?user=shimo_zhou&room=sensory.disconnection

2023

Sonict Ensemble, performance and screening, UW Whitewater Light Recital Hall, Nov 2 2023 Milwaukee Psych Fest VII, live visuals, The Cooperage, Milwaukee WI, May 4-6 2023 NOT.GLI.TC/H, conference speed show, University of Chicago, Chicago IL, Apr 1 2023 "Studio Sessions", weekly livestream broadcast, http://twitch.tv/gridworks1, 2020-2023

2022

Winter Woah Fest, livestream festival hosted by Interactive AV, http://twitch.tv, Jan 28 2022 Continuum 2022, Sitelines 42, invitational group exhibition, UW Milwaukee,

Kenilworth Square East Gallery, Milwaukee WI, Sept 7-22 2022

Summer Sol Fest, livestream festival hosted by Interactive AV, http://twitch.tv, Jul 23 2022 Spring Zing Fest, livestream festival hosted by Interactive AV, http://twitch.tv, Apr 9 2022 The Wrong TV, Curated by David Quilés Guilló, Centre Pompidou,

Paris France, Feb 23-Apr 25 2022

2021

The Wrong, Curated by David Quilés Guilló, 180 Media Lab, Porto Portugal, Nov 20-27 2021 The Wrong TV, Curated by David Quilés Guilló, Nuit Blanche, Paris France, Oct 8 2021 China VISAP'21, group exhibition, China Visualization and Visual Analytics Conference Arts Program, Wuhan, China, July 24-27 2021

Dalinç, group exhibition, curated by Seyhan Musaoglu, Binbirdirek Sarnici, Istanbul, Turkey, June 15-17 2021

2020

WELL NOW WTF, group exhibition, curated by Faith Holland Lorna Mill and Wade Wallerstein, http://wellnow.wtf, opening April 4 2020

Trajectory Series, group exhibition, curated by Christopher Willey, Villa Terrace Decorative Arts Museum, Milwaukee WI, Feb 28-Jul 26 2020

2019

Epicentre, curated by David Quilés Guilló, The Wrong Digital Art Bienale, 2019/20 "Resort 76", animation and video projection design, Directed by Bruce Cohen, Hicklin Theater, Whitewater WI, Oct 7-13 2019

Cube Fest 2019, juried, Moss Arts Center and Institute for Creativity, Arts, and Technology (ICAT), Virginia Tech, Blacksburg VA Aug 8-11

FILE-2019, juried, Electronic Language International Festival, SESI Gallery of Art Sao Paulo Brazil, June 26-Aug 11

West Virginia Mountaineer Film Festival 2019, juried, West Virginia University Creative Arts Center, Morgantown WV Apr 26-27

Milwaukee Psych Fest VII, live visuals, The Cooperage, Milwaukee WI Apr 5, 12, 13 A Share of A Future, International Exhibition, China University of Mining and Technology, Beijing China, Mar 8-Apr 30

We Give Our Consent, collaborative group show, Crossman Gallery, UW Whitwater, Whitewater WI, Feb 7-26

2018

"MovingSensing Sequence05", screening w/ Boy Dirt Car, Moonplace Books, Minneapolis MN, Dec 8

Emergence of Post-Human Cartographies, Kansas City Performing Media Festival, La Esquina Gallery, Kansas City MO, Sep 29

Bideodromo Festival 2018, Bilbao Arte Art Production Center, Bilbao Spain, Sep 19 Drawing Distinctions, Invitational Group Exhibition, Furlong Gallery, UW Stout,

Menomonie WI, Sept 17-Oct 27

ACTIVATAR, Mobile App Exhibition June 2018

Community Frames, Juried Exhibition, Walker's Point Center Of The Arts, Milwaukee WI, June 8-July 7



Ways of Something, Screening at Museum of Moving Image, New York, Mar 25

NOISE, Invitational Group Exhibition, Space Debris Art, Istanbul Turkey, Jan 12-Feb 16

Rule 35 GIF Screening, Group Screening curated by Faith Holland,

Transfer Gallery, New York, Jan 6 2018

2017

Homeostase, Group Exhibition for The Wrong Digital Art Biennale,

Centro Cultural Sao Paulo, Brazil, November 2017

Cutout Fest 09, Festival Internacional De Animacion Y Arte Digital,

Santiago de Querétaro, Mexico, Nov 9-12 2017

Art + Design Faculty Exhibition, Crossman Gallery, Whitewater, WI Oct 30-Nov15, 2017

The Real-Fake, curated by Claudia Hart and Rachel Clarke, online and traveling exhibition, 2017 http://www.real-fake.org

SPAMM Power Chicago IRL, Invitational Group Exhibition, Defibrillator Gallery, Chicago IL, August 31, 2017

TIME FRAME, Invitational Group Exhibition, Commissioned and Sponsored by GIPHY, Gallery 151, New York, June 17-22, 2017

Live Visual Performance with Breadmothers, Milwaukee Psych Fest,

Boone and Crocket, Milwaukee May 11, 2017

The New Normal, Invitational Group Screening Program, Salt Galata Auditorium, Istanbul Turkey, May 6 2017

No Copyright Infringement Intended, "Diamonds (Green Screen Version)" Curated by Nick Briz, Phoenix, Leicester UK, Apr. 7 - May 21, 2017

SPAMM Power, Invitational Group Exhibition, R3FRAG Symposium, Parsons Paris, March 31-April 14, 2017

Here Comes Everybody, Episode 8 Part 3, Cable Access Video Program, January 2017

2016

Dreamlands: Immersive Cinema and Art 1905-2016, "Ways of Something" Curated by Lorna Mills, Whitney Museum of American Art, New York, Oct. 28, 2016 - Feb. 5, 2017

"phantoms2", juried exhibition of Computer Art Congress 5,

Maison des Sciences de l'Homme, Paris FR Oct. 26-28 2016

The Body Electric, Invitational Group Exhibition, Crossman Gallery,

Whitewater, WI, Oct. 14 - Nov. 12 2016

Vector Festival, Animation installed in window at Common Sort, Toronto CA, July 14-17

FILE Anima+, Electronic Language International Festival Exhibition, SESI Cultural Centre, Sao Paulo, BR

FILE Anima+ Program, Athens Digital Arts Festival, Building Complex Gate Ermou 117-121, Athens GR May 22 2016

Synthetic Resonances, Screening Curated by Eva Papamargariti, Assembly Point, London UK, May 20 2016

Cloaked in Code, Subtle Technologies Festival, Gladstone Hotel Ballroom, Toronto CA, May 13, 2016

Live Video for Milwaukee Psych Fest, Cactus Club May 4-6 2016

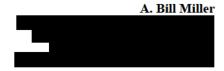
Live Video for Improvising With Jazz Performance, Music Mosaics, Light Recital Hall, April 5 2016

Ignition, Invitational Group Exhibition, Crossman Gallery, March 2016

"untitled phantoms", Electric Objects Commissioned Artwork Collection, February 2016

2015

UV Index//Unresponsive Media, The Wrong Digital Art Biennial, video program curated by Yoshi Sodeoka, Johnny Woods & Rea Mcnamara, Superliquidato Gallery, Cluj-Napoca Romania, November 27-January 31, 2015-2016



"untitled_phantom_05" & "untitled_phantom_06", commissioned by Electric Objects, high definition digital art platform, New York, NY November 2015

"Ways of Something" Episode 4, curated by Lorna Mills, Gene Siskel Film Center, Chicago, IL, Oct 22 2015

"John Praw Ghost" (Video), Dinca Vision Quest Film Festival, Co-Prosperity Sphere, Chicago IL September 17 2015

Video Demonstration, Milwaukee Maker Faire, Wisconsin Expo Center at State Fair Grounds, Milwaukee WI September 16-27 2015

"gridCycles.net", Disruption, group exhibition at International Symposium of Electronic Art 2015, Vancouver Art Gallery, Vancouver, BC, August 15 2015

"post gridworks", video album and publication, Undervolt & Co., June 2015

Browser Based, group exhibition, Esther Klein Gallery, Philadelphia, PA, April 10 - May 22

Interface: Meetings of Art and Technology, group exhibition, Union Gallery,

UW-Milwaukee, Milwaukee, WI, January 26 - February 20

First Look GIFs, screening at Museum of Moving Image, Astoria, NY, January 9-18

2014

Hypersalon, Curated by Transfer Gallery Director Kelani Nichole, South Beach Miami, December 1-7 2014

VIA Festival, Video Performance, Emporium Chicago, IL http://via2014.com/ October 1-5 glitChicago: media performances, curated by Paul Hertz,Ukranian Institute of Modern Art, Chicago, IL, September 19

FILE 2014 - Electronic Language International Festival, FIESP Cultural Center Ruth Cardoso, Sao Paulo, Brazil, August 25 - October 05

Language and Code, two person exhibition with Daniel Temkin, TRANSFER Gallery, Brooklyn, NYC, August 9 - 23

glitChicago: An Exhibition of Chicago Glitch Art, group exhibition, curated by Paul Hertz, Ukranian Institute of Modern Art, Chicago, IL, August 1 - September 28

META, group exhibition, quARTel Sala Municipal de Arte, Abrantes, Portugal, July 19

Temple, group exhibition, Sensorium, Milwaukee, WI April 25

Slingshot Festival, performance, Morgan Theater, Athens, GA March 22

Dashboard, The Wrong Curators Art Show, Curated by Kamilia Kard and David Quiles Guillo, Kalpany, Milan Italy, http://thewrong.org/Kalpany January 23

Snow Crash, performance, Foam City, Lafayette, IN January 18

2013

Gif Wrapping, group exhibition, Presented by netartnet.net, http://gifwrapping.net/ December 24 Video/Still, group exhibition, curated by Karen Chan-Baggetta, http://www.videostillgallery.com/ Net VVorth, closing reception exhibition, Curated by Daniel Temkin,

TRANSFER Gallery, Brooklyn, NYC, http://netvvorth.com/Catalog/ December 14 Vision Quest, performance at Film Festival, Curated by Andrew Rosinski and Fern Silva, Mana Contemporary, Chicago, IL, http://visionquest.dinca.org/ November 22 Anatomize, closing reception screening, Curated by Rollin Leonard,

TRANSFER Gallery, Brooklyn, NYC, http://anatomize.xasyasz.com/ November 9 'GridCL_X', cloaque (collaborative Tumblr), http://cloaque.org, October 29 - November 2 (Glitch) Art Genealogies 2, no_name_gallery, Lima Peru, August 29 - September 3 No-Media, improvisational performance, Nightingale Cinema, Chicago, IL, August 17 'a symbol', Widget Art Gallery, mobile device exhibition, July 17 - August 17 CLUSTERFUCK ZOO, closing reception screening, Curated by Lorna Mills,

TEXT OCK 200, closing reception screening, curated by Lorna Wills

TRANSFER Gallery, Brooklyn, NYC, July 13

GLITCH, Run Computer Run, Curated by Nora O Murchu, Rua Red, Dublin Ireland, May 24 – July 13.

gridworks, solo exhibition, TRANSFER Gallery, Brooklyn, NYC, April 13 – May 4 (Glitch) Art Genealogies, LEAP, Berlin Germany, March 16

DVD Dead Drop Vol.5, Best of Fach and Asendorf Gallery, Museum of Moving Image New York, NY, Feb 8 - Mar 14

A. Bill Miller

When Analog Was Periodical, curated Lorna Mills & Anthony Antonellis, z-Bar, Berlin Germany, Feb 12

Idle Screenings, curated Art Screensavers, http://idlescreenings.com, Jan 16-31 2013

2012

>get >put, curated Kelani Nichole, Little Berlin Gallery, Philadelphia PA, Nov-Dec 2012
Faculty Exhibition, Sheetz Gallery, Penn State Altoona, Altoona PA, Oct-Dec 2012
Plink Flojd Screening, Hollywood Theatre, Portland OR, October 20 2012
Culture Night Screening, curated Grace McEvoy, BlockT, Dublin, Ireland
AUTOMATA at Electronic Picnic, curated Grace McEvoy BlockT, Stradbally Hall, Ireland
Continuum 2012, UW-Milwaukee Alumni Exhibition, Union Gallery, Milwaukee, WI
Electronic Literature Organization 2012 Media Arts Show, curated Dene Grigar and Sandy
Baldwin, The Monongalia Arts Center, Morgantown, WV, June 20-23

1MB Show, Fach & Assendorf Gallery, http://fa-g.org/

Sheroes, One-Night Interactive Installations (Monthly), Toronto, CA, Ongoing

Dither D00m GIF screening, curated Patrick Quinn, The Nightingale, Chicago, IL May 12

Plink Flojd, Compilation Video Project, Curated by Yoshi Sodeoka and Eric Mast, Produced by David Quiles Guillo, Presented at ROJO Nova

BYOBeamer, Little Berlin Gallery, Philadelphia, PA 03/02

FILE RIO 2012, Electronic Language International Festival, Art Galery of Oi Futuro, Rio de Janeiro, BR, Mar 12-Apr 8th

Scan2Go, New Media Caucus year long online exhibition, Released at CAA 2012 <a href="term

A/Vworksssss, One Night Event/Performance, Borg Ward Collective, MIlwaukee, WI Jan 3

2011

gridfont7, Fach & Assendorf Gallery, http://fa-g.org/2011/abillmiller-gridfont7
Streaming Festival 6th Edition, Het Nutshuis, The Hague, Netherlands, Dec. 1-18 2011
FestivalMulti2011_Especial - Curator David Quiles Guillo, Video Art Program,
Rio de Janiero, BR, Nov-Dec 2011

Sheroes, One-Night Interactive Installations (Monthly), Toronto, CA, Nov. 18 and Dec. 23

GLI.TC/H Chicago - Live Video Performance, Chicago, IL Nov. 3-7

GLI.TC/H Program at FLIP Animation Festival, Birmingham, UK, Oct. 29

GLI.TC/H Online, Online Exhibition, http://gli.tc/h/Online/

Punto Y Raya Festival, Museo Reina Sofia Madrid, November 3-6, 2011

BYOB Sao Paulo, Rojo Nova Sao Paulo, Oct. 29

VIA Festival, Performance, Pittsburgh, PA http://www.via-pgh.com/ October 5-9

3ra Convocatoria Belica, Valencia, Venezuala, September 2011

I AM NOT A POET Festival, Edinburgh Aug.8-21 http://tkunst.wordpress.com/

Street Show: The Things Between Us, USB Dead Drop Exhibition, Released in New York

v1b3 Uncommon Program, Highland Park Festival, Detroit, MI, 7/16 & 17

FILE 2011, Electronic Language International Festival Exhibition, SESI Cultural Centre Sao Paulo, Bazil

I've Zine The Darkness, Dieschönestadt Gallery, Halle, Germany

BYOB Utrecht, CBKU Gallery, Utrecht, Netherlands

moves 11, International Festival of Movement on Screen, Liverpool, UK

New Media Caucus Showcase, SVA MFA Computer Art Department, CAA, New York, NY

Getting Closer, Curated by Lindsay Howard, Fe Gallery, Pittsburgh, PA

gridworks, Ivyside Gallery, Penn State Altoona, Altoona, PA

TPS Reports: Performance Documents - SpaceCamp MicroGallery, Herron School of Art and Design, Indianapolis, IN

2010

Web Fake Festival "UAVM Highlights", Web Art Center, http://www.webartcenter.org Cyber Human Forms, Online Exhibition, UAVM, http://www.uavm.net Future Selves, The Big Screen Project, New York, NY 10,000 Jiggawatts, Screening, Small Space & Jackpot Gallery, Milwaukee, WI

A. Bill Miller

Virtual Art Fair, Online Exhibition, http://hypothete.com/VirtualArtFair/

C, mini video festival, Evedrum Art & Music Gallery, Atlanta, GA

MARNmentors Exhibition, Brooks Stevens Gallery, MIAD, Milwaukee, WI

Cream of The Crop, Screening, Starlight Cinema, Madison, WI

Kate Brandt Pink, Union Art Gallery, University of Wisconsin - Milwaukee, Milwaukee, WI MAM After Dark: Here And Now, MIAD one night show, Milwaukee Art Museum,

Ethereal Views, Eclipse Gallery, Algoma, WI

2009

Samples from Gridworks Collection Project, Some Walls, Oakland, CA, http://somewalls.com Byte Scrapers, Online Exhibition, Unknown Artists Virtual Museum, http://www.uavm.net Pixel Project, Online Exhibition, Unknown Artists Virtual Museum, http://www.uavm.net 9/9/09 Performance Art Showcase, Milwaukee, WI

Pixilerations [v.6], New Media Festival, Providence, RI

The End of Television, Video Program Broadcast, The Nerve, Pittsburgh, PA

FILE, Electronic Language International Festival, Sao Paulo, Brazil.

Crosstalk Video Art Festival, Godor Club, Budapest, Hungary.

Flickers of Recognition: Technology and the Self Portrait, Peninsula School of Art Guenzal Gallery, Door County, WI.

Visionary Drawing Building, Online Drawing Archive. http://www.drawingbuilding.org Flight Box, Present Music Event at Milwaukee Art Museum, Milwaukee, WI

Terminal 1st Annual Short Film Festival, Terminal Gallery at Austin Peay State University, Clarksville, TN.

Gridworks2000, Add-Art Firefox Plugin Exhibition, http://www.add-art.org

2008

Illuminators Exhibition, Koltsovo International Airport, Yekatenaburg, Russia.

MFA Exhibition, Inova/Arts Center, UWM, Milwaukee, WI.

Digital Media at La Nau, Valencia, Spain, v1b3 program. http://www.v1b3.com

Media Arts Show at Visionary Landscapes: Electronic Literature Organization Conference, Vancouver, Wa.

Make Your Own History, Group Exhibition, Historic Blatz Brewery, Milwaukee, WI.

Locally Groan, Collaborative Film and Video, UWM Union Theater, Milwaukee, WI.

Art Architecture and Music for the New Milwaukee, Present Music Event at Milwaukee Art Museum, Milwaukee, WI

Curatorial

Body Electric, Crossman Gallery, Whitewater, WI, Oct. 14 - Nov. 12 2016

Transformers, code and data driven animation screening, curated with Mat Rappaport and Darren Douglas Floyd, CAA Media Lounge, Washington DC, Feb. 6 2016

GIF Free For All, Computer Art Congress 4, Rio de Janeiro, Brazil, September 1-3, 2014 http://www.master-list2000.com/GIF freeforall

pl41nt3xt pavilion, The Wrong (Digital Art Bienniale), 2013-2014, http://pl41nt3xt.com/ Juror - Computer Animation Festival, SIGGRAPH 2012

Speed Show: Extra Credit, Penn State Altoona, 2012,

http://www.master-list2000.com/speedshowextracredit.html

Juror - West Virginia Mountaineer Short Film Festival, 2011

Phosphene, Video Installation Event, Borg Ward, Milwaukee, WI. October 2009.

SPRAWL, Group Exhibition, Borg Ward, Milwaukee, WI. November 2008.

Collections, Publications, & Presentations

"Movement Systems From Motion Capture Data", co-authored with Jeremy Behreandt, proceedings of Computer Art Congress 5, Europia Productions, Paris FR Oct. 2016 "vision-problems," (artwork in book) Christopher Willey, Cognella Publishing, San Jose, CA (forthcoming)

"Experimenting with Noise in Markerless Motion Capture", demonstration and short paper, presentation and published proceedings of 2nd International Workshop on Movement in Computing, Simon Frasier University, Vancouver, BC, August 15 2015

A. Bill Miller

"Glitchy GIFs", artist workshop, DECODE Student Organization, UW-Milwaukee, Milwaukee, WI, February 19 2015

"Revisiting the Gridworks Collection Project Archive", Artists Now!

Lecture Series, UW-Milwaukee, Milwaukee, WI, February 18 2015

"Browser BASED", 'Breaking The Frame' panel chaired by Lynn Tomlinson,

College Arts Association (CAA) Annual Conference, New York, 2015 "glitChicago", exhibition catalog, Stanislay Grezdo, Paul Hertz, and Annunziata Faes,

Ukranian Institute of Modern Art, Chicago, 2014, http://is.gd/TDriPJ

NNM Visual Interview, NoName Magazine, Lima Peru, 2013

http://www.noname-magazine.com/a-bill-miller

"(Glitch) Art Genealogies", exhibition catalog and essay, Rosa Menkman, 2013. http://is.gd/xFiOkD

"Future Potentials for ASCII art", co-authored with Anders Carlsson,

Computer Art Congress 3, Europia Productions, Paris FR, 2012 http://chipflip.org/06 "gridworks2000 collage14", Architectural Inventions, Visionary Drawings, ed. Matt Bua

and Maxmillian Goldfarb, Laurence King Publishing, London, United Kingdom, 2012

Cover Artwork, NAP online literary magazine, Issue 2.7 http://naplitmag.com/

Scan2Go, Published Art Catalogue, Released by New Media Caucus at CAA 2012

Hancock, Mark. "Echoes of the Past & Future: Gridworks by A. Bill Miller" Review,

Furtherfield, http://www.furtherfield.org/features/reviews/echoes-past-future-gridworks-bill-miller

Rhizome ArtBase (Collection - "Sentences on Conceptual Art in gridfont7" 2012

Rhizome ArtBase (Collection) - "gridSol-precomps" 2011

GLI.TC/H 20111 READER[ROR], Publication (critical essays and artwork) 159pp

SpringGun Press, Issue 4, Online Literature and Digital Art Journal, 2011,

http://www.springgunpress.com/

+81 Magazine, Vol.47 Pattern Graphics Issue, Tokyo, Japan,

RCP.ML2K.PDF, co-founder & contributer, pdf webzine published quarterly online

"Re:Exercises in Style", Special Collections, Golda Meir Library, UWM

Milwaukee Artists's Books And Zines Collection

MungBeing Magazine, Issue #23 of bimonthly online magazine, December 2008.

Illuminators Exhibition Catalog, 2008.

Cream City Review, Spring 2008, semi-annual UWM literary journal.

"Line, Space, Time" Presentation on Panel "Tools, Models, and Ideas for Changing the Way We Think About Line" Foundations in Art: Theory and Education (FATE), Biennial Conference 2009, Portland, Oregon.