

Warren Sack

EMPLOYMENT

- 2012-present Professor, Film & Digital Media Department
faculty, critical studies and media production
University of California, Santa Cruz
<http://film.ucsc.edu>
- 2015-present principal faculty, Digital Arts & New Media (DANM) Program
2004-2015: affiliate faculty member
University of California, Santa Cruz
<http://danm.ucsc.edu>
- 2015-present affiliate faculty, Computational Media Department
2013-present, faculty, Games & Playable Media (MS)
2006-present, faculty, Computer Science: Game Design (BS)
University of California, Santa Cruz
- 2016 faculty, Art and Design: Games and Playable Media (BA)
Arts Division, University of California, Santa Cruz
- 2015-present Faculty Council, Connected Communities Initiative (CCI)
Center for Information Technology Research in the Interest of Society (CITRIS)
University of California (Berkeley, Davis, Merced, and Santa Cruz)
Faculty Council, Data and Democracy Initiative (DDI)
2011-2013: Associate Faculty Director of DDI
2010-present: CITRIS faculty researcher
- 2013-present core faculty, Center for Games and Playable Media
2011-2013: affiliate faculty
University of California, Santa Cruz
<http://games.soe.ucsc.edu>
- 2012-2013 Chercheur invité (Visiting Professor), Médialab
Sciences Po (Institut d'Études Politiques de Paris), Paris, France
<http://www.medialab.sciences-po.fr/people/warren-sack/>
- 2012-2013 Chercheur invité (Visiting Professor), Department of Economic and Social Sciences
Télécom ParisTech (École nationale supérieure des télécommunications), Paris, France
<http://www.telecom-paristech.fr/recherche/departements/sciences-economiques-et-sociales>
- 2010-2012 & spring 2014 Director, Digital Arts & New Media (DANM) MFA Program
University of California, Santa Cruz
- summer 2010 Directeur d'Études Associé (Visiting Professor)
Information and Communication Technologies and Migrations
Fondation Maison des Sciences de l'Homme, Paris, France
<http://www.msh-paris.fr/recherche/programmes-thematiques/tic-migrations/>
- 2009-2010 Director of Graduate Studies, Film & Digital Media Department
University of California, Santa Cruz
http://film.ucsc.edu/phd_program/home

2009-present associate faculty, History of Consciousness Department
University of California, Santa Cruz

2008-2013 associate faculty, Sociology Department
core faculty, Global Information and Social Enterprise Studies Minor
University of California, Santa Cruz

2006-2012 Associate Professor, Film & Digital Media Department
University of California, Santa Cruz

summer 2006 Visiting Scholar, Centre de Sociologie de l'Innovation (UMR 7120 now UMR 9217)
Centre National de la Recherche Scientifique (CNRS)
Mines ParisTech (École nationale supérieure des mines), Paris, France
UC Berkeley-CNRS exchange
<http://www.csi.ensmp.fr>

2005-present affiliate faculty, History of Art and Visual Culture Department
Visual Culture PhD Program
University of California, Santa Cruz

2002-2014 affiliate faculty, Computer Science Department
[In 2015, my affiliation moved to the Computational Media Department.]
University of California, Santa Cruz

2004-present external faculty affiliate
fall 2004 & fall 2007: visiting scholar
Center on Organizational Innovation, Institute for Social and Economic Research and Policy
Columbia University, New York, New York
<http://www.columbia-coi.com/>

2002-2006 Assistant Professor, Film & Digital Media Department
University of California, Santa Cruz

2000-2002 Assistant Professor, School of Information
University of California, Berkeley

2000 Research Scientist, Media Laboratory
Massachusetts Institute of Technology

1995-2000 Research Collaborator, Interrogative Design Group, Center for Advanced Visual Studies
Massachusetts Institute of Technology

1992-2000 Research Assistant, Media Laboratory
Massachusetts Institute of Technology

1989-1992 Independent Researcher and Consultant

1988-1989 Visiting Researcher, Advanced Computing Laboratory, Department of Computer Science
University of Paris VIII (St. Denis)

1985-1988 Research Assistant, Artificial Intelligence Project, Computer Science Department
Yale University

EDUCATION

- 2000 PhD, Media Arts and Sciences, Media Laboratory, School of Architecture and Planning
Massachusetts Institute of Technology
- 1994 SM, Media Arts and Sciences, Media Laboratory, School of Architecture and Planning
Massachusetts Institute of Technology
- 1985 BA, *cum laude*, Computer Science and Psychology
Yale College
- spring 1981 Hospitant (visiting student) Bygg- og miljøteknikk (Civil Engineering)
Norwegian University of Science and Technology, Trondheim, Norway

HONORS, AWARDS, GRANTS

- fall 2016 & fall 2015 Fellow, Paris Institute for Advanced Study, Paris, France (\$30,000)
<http://www.paris-iea.fr/en/fellows/warren-sack-6110>
<http://www.paris-iea.fr/en/fellows/warren-sack-46>
- 2013 Impakt Festival Online commission for “Things the mind already knows,” *On Group Formation: Impakt Net Art*, Impakt Festival 2013, Utrecht, The Netherlands, 30 October – 3 November, 2013 (Sabine Niederer and Raymond Taudin Chabot, curators) (\$1800)
<http://impakt.nl/festival/on-group-formation-impakt-net-art-2013/>
<http://impakt.nl/festival/2013-festival/program-2013-festival/impakt-online-capitalism-catch-22-programme/impakt-online-on-group-formation-and-pow/>
- 2012-2015 Sri Kurniawan (PI), Steve Whittaker, Noah Wardrip-Fruin, Michael Mateas, Warren Sack (co-PIs), National Science Foundation, Major Research Instrumentation Program, Division of Computer and Network Systems, Directorate for Computer and Information Science and Engineering, *Acquisition of a FLEX Reconfigurable Multi-user Immersive Visualization System* (\$300,000) Award ID: 1229786
- 2012-2013 American Council of Learned Societies, Digital Innovation Fellowship (\$83,600)
<http://www.acls.org/research/fellow.aspx?cid=0fd7685e-d76d-e111-bd9e-000c293a51f7>
- 2011-2014 Office of the Dean of the Arts, UC Santa Cruz; UC CITRIS; and, Cultural Services, French Consulate of San Francisco, Art, Technology and Culture (ATC@UCSC) Lecture Series (lecturers and visitors included Geert Lovink (Amsterdam), Scott McCloud, Bernard Stiegler (Centre Georges Pompidou), Shunya Yoshimi (University of Tokyo), Anne Burdick (Art Center), Mary Flanagan (Dartmouth), Jean-François Peyret (Sorbonne), Christine Van Assche (Centre Georges Pompidou), Douglas Repetto (Columbia University), Steve Dietz (NorthernLights.mn), Nicholas de Monchaux (UC Berkeley), Natalie Jeremijenko (NYU)), (\$16,000)
<http://atc.ucsc.edu>
- 2009-2011 National Science Foundation, Human-Centered Computing Program, Directorate for Computer and Information Science and Engineering, *Peer Review for Scientific Testimony* (\$387,400)
Award ID: 0916292
- 2011 with Chris Wilmers, Academic Senate COR Special Research Grant, UC Santa Cruz, *Carnivore Cam: Practicing Citizen Science with Interactive Online Games* (\$5000)
- 2009 Support for Visiting Distinguished Lecturer (Michael B. Johnson, Director, Moving Pictures)

- Group at Pixar Animation Studios), UC Santa Cruz, Porter College (\$900)
- 2008-2009 with Michael Dale and Abram Stern, Sunlight Foundation, *Metavid 2.0: Animating an Architecture of Participation* (\$164,000)
- 2008 San Francisco Museum of Modern Art (SFMOMA) commission for the "Conversation Map," *The Art of Participation: 1950 to Now*, SFMOMA, November 8, 2008 – February 15, 2009 (Rudolf Frieling, curator) (\$1,000)
- Arts Research Institute, UC Santa Cruz, *An Art of Participation* (\$8,300)
- 2007-2008 with Michael Dale and Abram Stern, Sunlight Foundation, *Metavid: An open, online platform for indexing, archiving, and sharing video archives of public domain, U.S. House and Senate proceedings* (\$157,000)
- 2007 Support for Visiting Distinguished Lecturer (Lauren Cornell, executive director, Rhizome.org at the New Museum of Contemporary Art, New York), UC Santa Cruz, Porter College (\$1,000)
- 2005 Artport Gate Page Commission (April 2005), award from the Whitney Museum of American Art, New York (curator: Christiane Paul) (\$500)
<http://artport.whitney.org/gatepages/artists/sack/>
- Rhizome Net Art Commission, awarded by Rhizome.org at the New Museum of Contemporary Art, New York with support from the National Endowment for the Arts, the Greenwall Foundation, the Jerome Foundation, the Rhizome.org community and the Andy Warhol Foundation for the Visual Arts (\$2,500)
<http://rhizome.org/thread.rhiz?thread=13205&text=25275#25275>
 [An international jury selected six winners from fifty proposals (i.e., 12%); see <http://rhizome.org/commissions/2005.rhiz>]
- Wayland Collegium Endeavor Fellowship support, Brown University (\$1,000)
http://www.brown.edu/Faculty/Wayland_Collegium/endeavor.html
- Support for Visiting Distinguished Lecturer (Sabine Himmelsbach, Exhibition Director at the ZKM | Center for Art and Media, Karlsruhe, Germany), UC Santa Cruz, Porter College (\$1,000)
- Research Cluster Funding, Center for Cultural Studies, UC Santa Cruz, *Hybrid Media Research Cluster* (\$1,000)
- 2004-2007 National Science Foundation, Digital Society and Technologies Program, Directorate for extended until Computer and Information Science and Engineering, *Interface and Search Engine for 2010 Deliberation* (\$299,937)
 Award ID: 0416353 [funding rate for this NSF program in 2004 was 12%, 19 proposals funded out of 155 received; see <http://dellweb.bfa.nsf.gov/awdfr3/default.asp>]
- 2003 Research Cluster Funding, Center for Cultural Studies, UC Santa Cruz, *Hybrid Media Research Cluster* (\$2,000)
- Research Grant, Digital Arts/New Media Research Cluster, UC Santa Cruz, *Support for Undergraduate Research Assistantships* (\$2,530)
- with Alice Yang Murray and Alan Christy, Academic Senate COR Faculty Research Grant, UC Santa Cruz, *Memory Sites of World War II in the Pacific* (\$14,665)

- 2002 Academic Senate COR Faculty Research Grant, UC Santa Cruz, *Street Stories: Eliciting, Archiving, and Sequencing Geographically-based Community Stories* (\$2,490)
- with Sawad Brooks, Emerging Artists/Emerging Medium 3: Net-Art Commission awarded by the Walker Art Center and the Jerome Foundation, *Translation Map* (\$5,000 and housing and travel support)
<http://www.walkerart.org/gallery9/jerome/>
- Artist Residency, Arts Technology Center, University of New Mexico, Albuquerque, NM, National Endowment for the Arts and Rockefeller Foundation sponsored residency program: *Cultural Practice/Virtual Style: Creating an Arts Environment in High Performance Computing*, July 1-August 1 2002, Danae Falliers, Edward Angel and Thomas Caudell (\$8,000 and travel and housing support)
<http://finearts.unm.edu/resources/arts-lab/>
- with Françoise Détienne, France-Berkeley Fund, *Social and Cognitive Analyses of Collaborative Design for Open Source Software*, National Institute for Research in Computer Science and Control (INRIA) Paris, France (\$9,250)
- 2001-2002 Undergraduate Research Apprentice Program, UC Berkeley (\$500)
- 2001 Academic Senate COR Junior Faculty Research Grant, UC Berkeley, *Street Stories: Network Technologies for Community Stories* (\$8,668)
- 2000 Artist Residency, Arts Alliance, San Francisco, Jason Lewis (director), *Code Zebra Residency*, November 25-December 9, 2001, Sara Diamond (organizer)
<http://www.aalab.net/ephemera/resid/1.2CodeZebra/home.htm>
- 1997-1998 Interval Fellowship awarded by Interval Research Corporation and the MIT Media Laboratory (annual research assistantship salary and MIT tuition)
- 1994-1995 AT&T Media Laboratory Fellowship awarded by AT&T and the MIT Media Laboratory (annual research assistantship salary and tuition)
- 1992-1993 Fulbright Grant awarded by the J. William Fulbright Foreign Scholarship Board and the Netherlands America Commission for Educational Exchange (declined)
- 1988-1989 Chateaubriand Scholarship for the Exact Sciences, Engineering and Medicine awarded by the French Embassy to the United States (living stipend, travel, research and tuition funds)

GROUP EXHIBITIONS

- 2013 *Impakt Online: On Group Formation*, Impakt Festival 2013: Capitalism Catch 22, Utrecht, The Netherlands, 30 October - 3 November 2013 (Sabine Niederer and Raymond Taudin Chabot, curators)
<http://impakt.nl/festival/on-group-formation-impakt-net-art-2013/>
<http://danm.ucsc.edu/~wsack/Impakt/readme.html>
- 2010 *Process is Paradigm*, LABoral Art and Industrial Creation Center, Asturias, Spain, April 23 – September 27, 2010 (Susanne Jaschko and Lucas Evers, curators)
<http://www.laboralcentrodearte.org/en/exposiciones/el-proceso-como-paradigma-23.04-30.08.2010>
- 2009 *Scalable Relations*, Beall Center for Art + Technology, University of California, Irvine, January 9 – March 14, 2009 (Christiane Paul, curator)
<http://beallcenter.uci.edu/calendar/0809.php>
- 2008-2009 *The Art of Participation: 1950 to Now*, San Francisco Museum of Modern Art (SFMOMA), November 8, 2008 – February 7, 2009 (Rudolf Frieling, curator)
<http://www.sfmoma.com/exhibitions/306>
- 2008 *Gaming*, Boehm Trade Center, Düsseldorf, Germany / Osaka, Japan, April 20, 2008 – June 25, 2008 (Yuka Yokoyama, curator)
<http://www.frau-boehm.de/tradecenter/archiv.html>
- 2006 *Faultlines*, organized by Rhizome.org and co-presented by the New Museum of Contemporary Art in New York City, August 5, 2006 – September 15, 2006 (Lauren Cornell, curator)
<http://www.rhizome.org/events/timeshares/>
- 2005 *Making Things Public: Atmospheres of Democracy*, ZKM | Center for Art and Media, Karlsruhe, Germany, March 19, 2005 – October 3, 2005 (Bruno Latour, Peter Weibel and Steve Dietz, curators)
<http://mtp.zkm.de>
- Rhizome ArtBase 101*, the New Museum of Contemporary Art in New York City, 23 June – 10 September 2005 (Lauren Cornell and Rachel Greene (curators) with Kevin McGarry)
<http://www.rhizome.org/artbase101.rhiz>
[*Agonistics* was one of 40 chosen from the 1,500 works in the Rhizome Artbase.]
- Artport Gate Page* (<http://artport.whitney.org>), Whitney Museum of American Art, 11 – 30 April, 2005 (Christiane Paul, curator) [The curator chooses one artist per month to be featured on the Whitney Museum's Artport website.]
<http://artport.whitney.org/gatepages/artists/sack/>
- 2004 *Database Imaginary*, Walter Phillips Gallery, Banff, Alberta, Canada, November 13, 2004 – January 23, 2005 (Sarah Cook, Steve Dietz and Anthony Kiendl, curators); exhibition traveled to the Dunlop Art Gallery in Regina, Saskatchewan from March 18, 2005 to May 1, 2005; Blackwood Gallery in Toronto, Ontario from November 3 to December 11, 2005;
<http://www.crumbweb.org/dbimaginary/>

- 2003 with Sawad Brooks in *How Latitudes Become Forms/Translocations*, Walker Art Center, Minneapolis, MN, from February 6 - May, 2003 (Steve Dietz, curator); exhibition traveled to the Fondazione Sandretto Rebaudengo Per L'Arte, Torino, Italy: June 1-September 14, 2003; Contemporary Arts Museum Houston, Houston, Texas: July 17-September 19, 2004; <http://translationmap.walkerart.org>
- 2002 *ArtBrain.org #2* at the Storefront for Art and Architecture, New York, NY, October 29, 2002 (Nathalie Angles, Anne Barlow, Anne Ellegood, curators) <http://dks.thing.net/AerBrain2.html>
- Net.Narrative* an online exhibition at SF Camerawork, San Francisco, CA, September 19 – October 28, 2002 (Marisa S. Olson, curator) http://www.sfcamerawork.org/past_exhibits/netnarrative.html
- 2001 *ACM1: Beyond Cyberspace*, San Jose Convention Center, San Jose, CA, March 10-13, 2001 (<http://www.acm.org/exposition>)
- White Box Gallery launch of *Artbrain.org #1* (Warren Neidich, editor and Nathalie Angles, curator), Brooklyn, NY, May 31, 2001 (<http://www.artbrain.org>)

COLLECTIONS

Whitney Museum of American Art, New York, NY

Permanent collection

work: "Agonistics: A Language Game"

<http://rhizome.org/editorial/2015/aug/10/artport-interview-christiane-paul/>

Media Art Net / Public Sphere_s

works: "Agonistics: A Language Game" and "Conversation Map"

curators: Steve Dietz and Rudolf Frieling

http://www.mediaartnet.org/themes/public_sphere_s/

<http://www.mediaartnet.org/works/conversation-map/>

<http://www.mediaartnet.org/works/agonistics/>

Netzspannung

work: "Conversation Map"

curators: Monika Fleischmann and Wolfgang Strauss

<http://netzspannung.org/cat/servlet/CatServlet?cmd=netzkollektor&subCommand=showEntry&lang=de&entryId=147606>

Rhizome Artbase

work: "Agonistics: A Language Game"

curators: Rachel Greene and Lauren Cornell

<http://www.rhizome.org/object.rhiz?32034>

Walker Art Center Gallery 9

work: "Translation Map"

curator: Steve Dietz

<http://translationmap.walkerart.org>

Whitney Museum Artport Gate Page Archive

work: "Agonistics: A Language Game"

curator: Christiane Paul

<http://artport.whitney.org/gatepages/artists/sack/>

INTERVIEWS AND REVIEWS

Interviews

- 2016 Brainard Carey, "Warren Sack," *The Art World Demystified: Lives of the Most Excellent Artists, Curators, Architects, Critics and more, like Vasari's book updated*, Interviews from Yale University Radio WYBCX, 8 January 2016
<http://museumofnonvisibleart.com/interviews/warren-sack/>
- 2012 Susy Bielak and Ashley Duffalo, "Agonizing over 'Agonism': Exploring How Difference Can Fuel Democracy: A Conversation About Agonism with Mark Shepard, Warren Sack, Carl DiSalvo, and Marisa Jahn," *Walker Art Center Magazine*, 10 April 2012
<http://www.walkerart.org/magazine/2012/agonism-politics-consensus-art-democracy>
- 2009 Tolga Taluy, "Interview," for *Season 18: A curatorial project by Session 18 of l'Ecole du Magasin* (Ecole du Magasin, Grenoble, France)
<http://www.season18.com/blog/conversation-map/>
- 2006 Janet Abrams, Judith Donath, Peter Hall, Mark Hansen, Valdis Krebs, Richard Rogers, Warren Sack, Marcos Susani, "Conversations as Maps / Part 1 and Part 2," *Else/Where: Mapping (New Cartographies of Networks and Territories)* (Minneapolis, MN: University of Minnesota Design Institute / University of Minnesota Press, 2006); images and discussion of "Conversation Map" and "Agonistics"; pp. 70-103
- 2005 Trebor Scholz, "Interview with Warren Sack on New Media Art Education," in *nettime-I*, Monday 24 January 2005; <http://www.mail-archive.com/nettime-I@bbs.thing.net/msg02460.html>
- 2000 Joseph Dumit, "Artificial Participation: An Interview with Warren Sack," *Zeroing in on the Year 2000: The Final Edition (Late Editions, 8)* George E. Marcus, Editor (Chicago: University of Chicago Press, 2000). Republished online for the special issue "L'art dans le tout numérique / Art in the Digital Age," *Art press 2*, no 29 (mai/juin/juillet, 2013), edited by Norbert Hillaire and Catherine Millet: <http://www.artpress.com/article/20/05/2013/la-participation-artificielle-interview-de-warren-sack-par-joseph-dumit/29014>

Reviews of Work

- 2015 Christiane Paul (adjunct curator of new media, Whitney Museum of Art, New York), *Digital Art*, Third Edition (London: Thames & Hudson, 2015); image and discussion of the *Conversation Map*; image and discussion of *Agonistics: A Language Game*.
- 2013 Lonneke van der Velden, "A Writing Exercise for the Public: Warren Sack on Digital Convergence," post on the blog of the Centre for the Study of Invention & Social Process, Goldsmiths College, University of London: <http://www.csisponline.net/2013/03/20/a-writing-exercise-for-the-public-warren-sack-on-digital-convergence/>
- 2012 Sarah Cook and Sara Diamond, *Euphoria & Dystopia: The Banff New Media Institute Dialogues* (Riverside Architectural Press / ABC Art Books Canada, 2012; multiple entries: pp. 54, 54n4, 75, 91, 91–98, 180, 184, 195, 195n81, 405, 520, 520n42) concerning artworks and talks presented at three Banff New Media Institute Summits: "Living Architectures: Designing for Emersion and Interaction" (September 2000); "Emotional Architectures/Cognitive

Armatures/Cognitive Science in Interactive Design" (September 2001); and, "Simulations and Other Re-enactments: Modeling the Unseen" (April-May 2004)

- 2011 Tovin Lapan, "UCSC professor explores ways to engage public in government," *Santa Cruz Sentinel* (July 25, 2011; front page article)
http://www.santacruzsentinel.com/localstories/ci_18543278
- 2010 Susanne Jaschko and Lucas Evers, *Process is Paradigm: Art in Development, Flux and Change* (LABoral Art and Industrial Creation Center, Asturias, Spain, 2010, pp. 38-40).
- 2009 Dave Barton, "The Tech/Art Installations at the UCI Beall Center Reveal Ghosts In the Machine," *Orange County Weekly* (January 28, 2009):
<http://www.ocweekly.com/2009-01-29/culture/scalable-relations-uc-irvine-beall-center/>
- Marisa Olson, "Digital Art Under the Sun," Rhizome.org (January 13, 2009):
<http://www.rhizome.org/editorial/2262>
- Noah Wardrip-Fruin, *Expressive Processing: Digital Fictions, Computer Games, and Software Studies* (Cambridge, MA: MIT Press, 2009); image and discussion of *Agonistics: A Language Game*," especially pp. 399-402.
- 2008 Rudolf Frieling (media art curator, San Francisco Museum of Modern Art) and Tanya Zimbardo, *The Art of Participation: 1950 – Now* (New York: Thames and Hudson, 2008); images and discussion of the *Conversation Map*.
- Christiane Paul (adjunct curator of new media, Whitney Museum of Art, New York), *Digital Art, Second Edition* (London: Thames & Hudson, 2008); image and discussion of the *Conversation Map*; image and discussion of *Agonistics: A Language Game*.
- 2007 Reinaldo Laddaga, "From Work to Conversation: Writing and Citizenship in a Global Age," *PMLA*, Volume 122, Number 2, March 2007, pp. 449–463; discussion of the *Translation Map*.
<http://www.mlajournals.org/doi/abs/10.1632/pmla.2007.122.2.449>
- 2006 Jon Ippolito (associate curator of new media, Guggenheim Museum of Art, New York) and Joline Blais, *The Edge of Art* (London: Thames & Hudson, 2006); images and discussion of the *Conversation Map*.
- Christiane Paul (adjunct curator of new media, Whitney Museum of Art, New York), "Digital Art/Public Art: Governance and Agency in the Networked Commons," in *First Monday: Peer Reviewed Journal on the Internet* (Special Issue #7: Command Lines: The Emergence of Governance in Global Cyberspace)
<http://firstmonday.org/htbin/cgiwrap/bin/ojs/index.php/fm/article/viewArticle/1616/1531>;
image and discussion of *Agonistics*
- 2005 Steve Dietz, "Public Sphere_s," in *Media Art Net*, Volume 2, and
http://www.mediaartnet.org/themes/public_sphere_s/public_sphere_s/; images and discussion of *Agonistics* and *Conversation Map*.
- 2003 Matt Mirapaul, *New York Times*, Arts Section, "Cross-Cultural Ventures With Digital Artworks"; review of the Walker Art Center exhibition with particular emphasis on and large image of the "Translation Map," Monday, February 17, 2003, mention on page B1; full article on page B3; also, online here:

<http://www.nytimes.com/2003/02/17/arts/design/17MIRA.html?ex=1046470504&ei=1&en=c e9e97950dc6145d>

Gerrit Gohlke, "Cybermapping," *European Photography*, Number 72, Winter 2002/2003; article on mapping cyberspaces including full page image of the *Conversation Map*.

Christiane Paul (adjunct curator of new media, Whitney Museum of Art, New York), *Digital Art* (London: Thames & Hudson, 2003); image and discussion of the *Conversation Map*.

Rita Raley, "Machine translation and global English," *Yale Journal of Criticism: interpretation in the humanities* (Whitney Humanities Center, Yale Univ., New Haven, CT) (Baltimore, MD) (16:2) [Fall 2003], p.291-313; includes a discussion of the *Translation Map*.

2001

Martin Dodge and Rob Kitchin, *Atlas of Cyberspace*, (New York: Addison Wesley, 2001); images and review of the *Conversation Map*.
<http://www.cybergeography.org/>

KQED Radio in San Francisco, "The Forum" with Angie Coiro. Topic: "Internet community," and how it has - or has not-changed concepts of community and communication. Guests: Craig Newmark, Founder of Craig's List; Howard Rheingold, author of "The Virtual Community"; Warren Sack, UC Berkeley; Gail Williams, Director of Communities for Table Talk and the Well at Salon

Claire Tristram, "Mining for Meaning," *Technology Review Magazine*, July/August 2001 (<http://www.technologyreview.com/magazine/jul01/innovation4.asp> or http://www.technologyreview.com/magazine/jul01/print_version/innovation4.html)
Review of the *Conversation Map* and other projects.

Richard Dalton, "ACM1: A Look Outward," *BYTE.com*, April 9, 2001 (<http://www.byte.com/column/BYT20010403S0003> or http://www.byte.com/printableArticle?doc_id=BYT20010403S0005)
Review of the ACM1 show with discussion of the *Conversation Map*.

Frances Richard, "Utterance is place enough: mapping conversation," *Cabinet Magazine: A quarterly magazine of art and culture*, Issue 2, Spring 2001 (pp. 76-81).
Review of the *Conversation Map* and other projects.
<http://www.cabinetmagazine.org/issues/2/utterance.php>

PUBLICATIONS

Work in Progress

The Software Arts, book contracted for the Software Studies series at MIT Press

Book Chapters

- forthcoming "Work and Machine Languages," in Bernard Stiegler (ed.), *Digital Truth: Knowledge and Research in the Age of Digital Technologies* (Paris, France: FYP editions, forthcoming)
- 2014 "Image, nombre, programme, langage," in *Digital Studies: Organologie des saviors et technologies de la connaissance*, Bernard Stiegler, editor (Paris, France: FYP éditions, 2014): 123-140.
- 2012 "Data Navigation, Architectures of Knowledge" (transcription of a talk and discussion for "Living Architectures: Designing for Emersion and Interaction," a Banff New Media Institute Summit of September 2000) in *Euphoria & Dystopia: The Banff New Media Institute Dialogues*, Sarah Cook and Sara Diamond, Editors (Riverside Architectural Press / ABC Art Books Canada, 2012)
- 2011 "Aesthetics of Information Visualization," in *Context Providers: Conditions of Meaning in Media Arts*, Christiane Paul, Victoria Vesna, and Margot Lovejoy, Editors (Bristol, UK: Intellect; and, Chicago: University of Chicago Press, 2011) Chinese edition published by Beijing Beepub Media & Culture Publishing Co., Ltd: Beijing, 2012.
- 2009 with John Kelly and Michael Dale, "Searching the Net for Differences of Opinion," in *Online Deliberation: Design, Research, and Practice*, Todd Davies and Seeta Peña Gangadharan (editors), University of Chicago Press, 2009; an earlier version of this appeared in the *Proceedings of the Second Conference on Online Deliberation: Design, Research, and Practice*, Stanford University, May 2005; and, also in the Working Papers Series, Center on Organizational Innovation, Columbia University. Available online at http://www.coi.columbia.edu/pdf/sack_kelly_dale_sndo.pdf
- 2008 "Memory," in *Software Studies: A Lexicon*, Matthew Fuller, editor (Cambridge, MA: MIT Press, 2008)
- "Picturing the Public," in *Structures of Digital Participation*, Joseph Karaganis, Editor (New York: SSRC Press, 2008)
- 2007 "Network Aesthetics," in *Database Aesthetics*, Victoria Vesna, Editor (Minneapolis, MN: University of Minnesota Press, 2007). This is an expanded version of "Artificial Intelligence," in *The Encyclopedia of Aesthetics, Volume 1*, Michael Kelly, editor-in-chief (New York: Oxford University Press, 1998): 123-130. The entry was updated for *The Encyclopedia of Aesthetics, 2nd edition* (2014).
- 2005 "Agonistics: A Language Game," in *Making Things Public: Atmospheres of Democracy*, Bruno Latour and Peter Weibel, Editors (Cambridge, MA: MIT Press, 2005). Reprinted in *Pro+agonist: The Art of Opposition*, Marisa Jahn, editor (Minneapolis: Walker Art Center, 2012): 44-47.
- "Discourse Architecture and Very Large-Scale Conversations," in *Digital Formations: IT and New Architectures in the Global Realm*, Robert Latham and Saskia Sassen, Editors (Princeton, NJ: Princeton University Press, 2005).

- 2004 "Information and Communication Technologies," in *Shock and Awe: War on Words*, Bregje van Eekelen, Jennifer Gonzalez, Bettina Stoetzer, Anna Tsing, Editors (Santa Cruz, CA: New Pacific Press, 2004)
- "Reply to Phoebe Sengers and Rebecca Ross" and "Reply to Jill Walker," in *First Person: New Media as Story, Performance, and Game*, Noah Wardrip-Fruin and Pat Harrigan, Editors (Cambridge, MA: MIT Press, 2004)
- http://www.electronicbookreview.com/v3/servlet/ebr?essay_id=sackr2&command=view_essay
http://www.electronicbookreview.com/v3/servlet/ebr?essay_id=sackr1&command=view_essay
- 2003 "On-Line Language Games," in *Papers* (series of 12 journals; first edition 500) Katie Holten, Editor (Limited Edition for the 50th Venice Biennale, Irish Pavilion, Italy, November 2003). Note: Katie Holten was Ireland's artist-representative at the 50th Venice Biennale and the edited *Papers* is her art piece for the Biennale.
- 2001 "Actor-Role Analysis: Ideology, Point of View and the News," in *New Perspectives on Narrative Perspective*, Will Van Peer and Seymour Chatman, Editors (New York: SUNY Press, 2001).
- 1992 with Elliot Soloway, "From PROUST to CHIRON: Intelligent Tutoring System Design as Iterative Engineering; Intermediate Results are Important!," in *Computer Assisted Instruction and Intelligent Tutoring Systems: Shared Issues and Complementary Approaches*, Jill Larkin, Carol Scheftic, and Robin Chabay, editors, (Hillsdale, NJ: Lawrence Erlbaum Associates, Publishers, 1992)

Journal Articles

- 2013 "Une Machine a Raconter des Histoires: De Propp aux Software Studies," in *Les Temps Modernes* (novembre-décembre 2013)
- 2011 with Mark Deckert and Abram "Aphid" Stern, "Peer to PCAST: What does open video have to do with open government?" in *Information Polity* 16 (2011) 1–17
- 2008 with Flore Barcellini, Françoise Détienne and Jean-Marie Burkhardt, "A socio-cognitive analysis of online design discussions in an Open Source Software community," in *Interacting with Computers: The interdisciplinary journal of Human-Computer Interaction* (Elsevier), Volume 20, Issue 1, January 2008: 141-165
- 2006 with Françoise Détienne, Jean-Marie Burkhardt, Flore Barcellini, Nicolas Ducheneaut and Dilan Mahendran, "A Methodological Framework for Socio-Cognitive Analyses of Collaborative Design of Open Source Software," *Journal of Computer-Supported Cooperative Work*. Earlier version presented at the *Workshop on Distributed Collective Practices, ACM CSCW*, Chicago, November 2004.
<http://tech-web-n2.utt.fr/cscw04/>
- 2002 "What does a very large-scale conversation look like?" *Leonardo: Journal of Electronic Art and Culture*, Volume 35, Number 4, August 2002; earlier conference version in the *Electronic Arts Proceedings of ACM SIGGRAPH 2001*, Los Angeles, CA, August 2001: 88-95; and in the book *First Person: New Media as Story, Performance, and Game*, Noah Wardrip-Fruin and Pat Harrigan, Editors (Cambridge, MA: MIT Press, 2004)
- http://www.electronicbookreview.com/v3/servlet/ebr?essay_id=sack&command=view_essay

- 2001 "Conversation Map: An Interface for Very Large-Scale Conversations," *Journal of Management Information Systems*, Vol. 17 No. 3, Winter 2001 pp. 73 - 92; earlier conference version appeared as "Discourse Diagrams: Interface Design for Very Large Scale Conversations" in the *Proceedings of the Hawaii International Conference on System Sciences, Persistent Conversations Track*, Maui, HI: IEEE Computer Society, January 2000.
- "Mapping very large-scale conversations," *Cabinet: A Quarterly magazine of art and culture*, Issue 2, Spring 2001; earlier conference version appeared in the *Proceedings of DIAC 2000: Shaping the Network Society: The Future of the Public Sphere in Cyberspace*, Seattle, WA: Computer Professionals for Social Responsibility, May 2000; reprinted in *Katie Holten and others: Drawings. Instances. Collaborations + Texts*, Katie Holten, Editor (Dublin, Ireland: Temple Bar Gallery & Studios and the Tùp Institute, 2002).
- 1997 "Artificial Human Nature," *Design Issues*, Volume 13, (Summer 1997): 55-64.
- 1996 "Painting Theory Machines," *Art and Design* (May 1996): 80-92.
- 1993 "The Everyday Life of ONR and IRL: A review of William Clancey's article entitled 'Guidon- Manage Revisited'," in the *Journal of Artificial Intelligence in Education*, Volume 4, number 1 (1993): 55-60.
- with Elliot Soloway and Peri Weingrad, "Re:writing Cartesian Student Models," *Journal of Artificial Intelligence in Education*, Volume 3, Number 4 (1993): 381-399; reprinted in James Greer and Gordon McCalla (editors) *Student Modeling: The Key to Individualized Knowledge-Based Instruction* (Berlin: Springer-Verlag, 1994): 355-375.

Refereed Conference, Workshop and Symposium Papers

- 2011 with Mark Deckert and Abram Stern, "A Toolset for Web-based Peer Review of Scientific Testimony" (system demonstration), in *Proceedings of dg.o 2011: The 12th Annual International Conference on Digital Government: Digital Government Innovation in Challenging Times*, University of Maryland, College Park MD, June 12-15, 2011.
- 2010 with Mark Deckert and Abram Stern, "Enabling peer review of expert testimony within government proceedings" (poster), in *Proceedings of dg.o 2010: The 11th Annual International Conference on Digital Government: Public Administration Online: Challenges and Opportunities*, Puebla, Mexico, May 17-20, 2010.
- 2009 with Michael Dale, Abram Stern, and Mark Deckert, "Metavid.org: A social website and open archive of congressional video" (system demonstration) in *Proceedings of dg.o 2009: The 10th Annual International Conference on Digital Government: Social Networks: Making Connections between Citizens, Data, and Government*, Puebla, Mexico, May 17-20, 2009. [The proceedings were published, but the conference was canceled due to the H1N1 virus.]
- 2008 with Jo Ann Sison, "What Makes a Search Engine Good for Democracy? Public Opinion Polling and the Evaluation of Software," presented at *Tools for Participation: Collaboration, Deliberation, and Decision Support; Directions and Implications of Advanced Computing; Conference on Online Deliberation (DIAC-2008/OD2008)* Berkeley, CA., June 26-29, 2008: pp. 13-22.
- 2006 with Flore Barcellini, Françoise Détienne, and Jean-Marie Burkhardt, "Visualizing Roles and Design Interactions in an Open Source Software Community," the *Workshop on Supporting*

- the Social Side of Large-Scale Software Development, ACM CSCW, Banff, November 2006.*
- 2005 with Flore Barcellini, Françoise Détienne, and Jean-Marie Burkhardt, "Thematic coherence and quotation practices in OSS design-oriented online discussions," *Proceedings of ACM Group: International Conference on Supporting Group Work*, Sanibel Island, Florida, November 2005.
- with Flore Barcellini, Françoise Détienne, and Jean-Marie Burkhardt, "A study of online discussions in an Open-Source Software Community: Reconstructing thematic coherence and argumentation from quotation practices," *Proceedings of the Communities and Technologies Conference*, Milan, Italy, June 2005.
- 2002 "Artificial Dialectics," in *Proceedings of Shaping the Network Society: Patterns for Participation, Action and Change: DIAC-02 Symposium*, Seattle, WA, May 16-19, 2002.
- with Tom Erickson and Susan Herring, "Workshop Description: Discourse Architectures: Designing and Visualizing Computer-Mediated Conversation," in the *Proceedings of ACM CHI 2002*, Minneapolis, MN, April 22nd, 2002.
- 2000 "Conversation Map: A Content-based Usenet Newsgroup Browser" in the *Proceedings of the International Conference on Intelligent User Interfaces*, New Orleans, LA: Association for Computing Machinery, January 2000; reprinted in *From Usenet to CoWebs: Interacting with Social Information Spaces*, Christopher Lueg and Danyel Fisher, Editors (New York: Springer, 2002).
- 1999 "Stories and Social Networks" in the *Proceedings of the Workshop on Narrative Intelligence*, Cape Cod, MA: American Association of Artificial Intelligence, November 1999; reprinted in *Narrative Intelligence*, Phoebe Sengers and Michael Mateas, Editors (Amsterdam: John Benjamins, 2002).
- "Diagrams of Social Cohesion" In *Descriptions of Demonstrated Systems, Association for Computational Linguistics (ACL '99)* University of Maryland, College Park, June 1999.
- 1995 "Representing and Recognizing Point of View," in *Proceedings of the American Association of Artificial Intelligence Fall Symposium on Artificial Intelligence Applications in Knowledge Navigation and Retrieval*, Cambridge, MA, November 1995.
- 1994 "On the Computation of Point of View," in *Proceedings of the National Conference of Artificial Intelligence (AAAI 94), Student Papers*, Seattle, WA, July 31-August 4, 1994.
- "Indexing Multimedia by Ideology," in *Proceedings of the American Association of Artificial Intelligence Workshop on Indexing and Reuse of Multimedia*, Seattle, WA, July 31, 1994.
- "Future News: Constructing the Audience Constructing the News," in *Proceedings of WRITE'94*, Vancouver, Canada, June 1994.
- with Marc Davis, "IDIC: Assembling Video Sequences from Story Plans and Content Annotations," in *Proceedings of the IEEE International Conference on Multimedia Computing and Systems*, Boston, MA, May 14-19, 1994.
- 1992 "Knowledge Compilation and the Language Design Game," in *Intelligent Tutoring Systems, Second International Conference (Lecture Notes in Computer Science)* Claude Frasson, Gilles Gauthier, and Gordon McCalla (editors), (Berlin: Springer-Verlag, 1992).

with Randy Bennett and Elliot Soloway, "The Advanced Placement Computer Science Practice and Feedback System," in *Proceedings of the NATO Advanced Research Workshop on Cognitive Models and Intelligent Environments for Learning*, Genoa, Italy, March 1992.

- 1991 "Constructivism and Digital, Networked Television," in the *Working Notes of the American Association of Artificial Intelligence Fall Symposium on Knowledge and Action at Social and Organizational Levels*, Monterey, California, November 1991.
- 1988 "Finding Errors by Overlooking Them," in *Proceedings of the International Conference on Intelligent Tutoring Systems (ITS-88)*, Claude Frasson, editor, Montréal, Canada, June 1988; reprinted in *Intelligent Tutoring Systems: At the Crossroads of Artificial Intelligence and Education*, Claude Frasson and Gilles Gauthier, editors, (Norwood, NJ: Ablex Publishing Corporation, 1990)
- 1985 With James Spohrer, Edgar Pope, Michael Lipman, Scott Freiman, David Littman, Lewis Johnson, & Elliot Soloway, "Bugs in novice programs and misconceptions in novice programmers," *Proceedings of the IFIP/AFIPS 4th World Conference on Computers in Education* (Norfolk, VA): 543-552.

Patent

- 1993 with Randy Bennett, *Method and System for Interactive Computer Science Testing, Analysis and Feedback*, patent number 5,259,766, issued Nov. 9, 1993.

Working Papers

- 2016 "Democracy in Computational Conditions," *Fellows: Le regard des chercheurs internationaux sur l'actualité*, number 14, November 2016, pp. 3-4, Réseau français des instituts d'études avancées (Aix-Marseille, Lyon, Nantes, Paris)
<http://fellows.rfiea.fr>
- "We all do 'digital research' whether we want to or not," *Reflections on Research Processes in the Digital Age*, Patrick Haggard and Gretty Mirdal, Editors, November 2016, p. 19, Institut d'études avancées de Paris
<http://www.paris-iea.fr/fr/les-publications/research-process-in-the-digital-age-views-from-paris-ias-fellows>
- 2011 "Using Software (Art) to See the World," *Rethinking Capitalism Newsletter*, number 2 (2011), pp. 11-15, Bruce Initiative on Rethinking Capitalism, Social Sciences Division, University of California, Santa Cruz
<http://rethinkingcapitalism.ucsc.edu/wp-content/uploads/2011/03/RCNL2.pdf>
- 2005 "Public Space, Public Discussion and Social Computing," Working Papers Series, Center on Organizational Innovation, Columbia University. Available online at
http://www.coi.columbia.edu/pdf/sack_pspdsc.pdf.
- 2003 "Translation Map v0.02: User's Manual," Unpublished Working Paper. Available online at
<http://people.ucsc.edu/~wsack/TranslationMap/UsersManual/>
- 1993 with Abbe Don (for a course given by Henry Lieberman and Hal Abelson) "Splicer: An Intelligent Video Editor", MIT Media Laboratory, Intelligent Interface Software Design Workshop (Spring 1993)
<http://danm.ucsc.edu/~wsack/Writings/wsack-adon-splicer.pdf>

- 1991 *Knowledge Engineer's Manual: How to Build KBs for the ProgramCritic*. (Unpublished Working Paper) Princeton, NJ: Educational Testing Service.
- 1990 *Technical Description of the Analytic Component: A Pattern Matcher for Analyzing Computer Programs*. (Unpublished Working Paper) Princeton, NJ: Educational Testing Service.
- 1986 with Littman, D., Spohrer, J.C., Liles, A., Fertig, S., Hughes, L., Johnson, W.L., Soloway, E. (1986, April) *Empirical evaluation of the educational effectiveness of PROUST*. Cognition and Programming Project, (Working Paper No. 35). New Haven, CT: Department of Computer Science, Yale University.
- 1985 with Spohrer, J.C., Pope, E., Lipman, M., Freiman, S., Littman, D., Johnson, L., and Soloway, E. (1985, May) *BUG CATALOGUE: II, III, IV*. (Technical Report No. 386). New Haven, CT: Department of Computer Science, Yale University.

Papers Presented at Professional Meetings

- 2016 "Out of Bounds: Language Limits, Language Planning, and Linguistic Capitalism" for the panel "Toward a Geographical Software Studies," *Association of American Geographers Annual Meeting*, San Francisco, CA, March 30, 2016.
- 2015 "Code and Critical Theory," for the panel "Theories Workshop," *The Digital Subject Conference 4: Codes*, University of Paris 8, November 18, 2015
- with Karl Mendonca, "Building a Network: Infrastructure or Platform?," for the panel "Cage fight: infrastructure studies vs. platform studies," *Society for Social Studies of Science Annual Meeting*, Denver, CO, November 11-14, 2015.
- 2011 with Mark Deckert and Abram Stern, "A Toolset for Web-based Peer Review of Scientific Testimony" (system demonstration), in *Proceedings of dg.o 2011: The 12th Annual International Conference on Digital Government: Digital Government Innovation in Challenging Times*, University of Maryland, College Park MD, June 12-15, 2011.
- 2010 Nick Montfort, Patsy Baudoin, John Bell, Ian Bogost, Jeremy Douglass, Mary Flanagan, Mark Marino, Michael Mateas, Casey Reas, Warren Sack, Mark Sample, and Noah Vawter, "Studying Software by Porting and Reimplementation: A BASIC Case," *Critical Code Studies Conference*, University of Southern California, 23 July 2010.
<http://criticalcodestudies.com/wordpress/abstracts/#10print>
- "Using Software (Art) to See the World," for the panel "The Culture of Dispersion," presented at the *College Art Association*, Chicago, IL, February 10-13, 2010.
- with Mark Deckert and Abram Stern, "Enabling peer review of expert testimony within government proceedings" (poster), in *Proceedings of dg.o 2010: The 11th Annual International Conference on Digital Government: Public Administration Online: Challenges and Opportunities*, Puebla, Mexico, May 17-20, 2010.
- 2009 "Software Studies" for the panel "Science and Technology Studies in Practice: Experimenting, Collaborating and Intervening," presented at the *Society for the Social Studies of Science Annual Meeting*, Washington, D.C., October 29, 2009
- Discussant for the panel "What is Code? What is Coding? Emerging Science and Technology Studies approaches in studying computer code," at the *Society for the Social Studies of Science Annual Meeting*, Washington, D.C., October 29, 2009

- with Michael Dale, Abram Stern, and Mark Deckert, "Metavid.org: A social website and open archive of congressional video," poster and demonstration for "Social Semantic Web: Where Web 2.0 Meets Web 3.0," a Spring Symposium for the American Association of Artificial Intelligence, Stanford University, March 23-25, 2009
http://tw.rpi.edu/portal/AAAI-SSS-09:_Social_Semantic_Web:_Where_Web_2.0_Meets_Web_3.0
- 2008 with Jo Ann Sison, "What Makes a Search Engine Good for Democracy? Public Opinion Polling and the Evaluation of Software," presented at *Tools for Participation: Collaboration, Deliberation, and Decision Support; Directions and Implications of Advanced Computing; Conference on Online Deliberation (DIAC-2008/OD2008)* Berkeley, CA, June 26-29, 2008.
- with Michael Dale and Abram Stern, "Feeding Congress to the Web: A New Architecture for the Capitol," presented at *Politics: Web 2.0: An International Conference*, University of London, Royal Holloway, UK, April 17-18, 2008
- "Digital Aesthetics and the Collapse of Contemporary Common Sense," presented at the *College Art Association*, Dallas, TX, February 2008
- 2007 "Aesthetics, Politics and Networks," art exhibition panel presentation, "Alternative Networks," *ACM SIGGRAPH 2007*, San Diego, CA, August 2007.
- "The Spaces of Open Source Software Design," *Association of American Geographers*, San Francisco, CA, April 2007
- 2006 "Aesthetics of Information Visualization," *College Art Association*, Boston, MA, February 2006.
- 2005 with Flore Barcellini, Françoise Détienne, and Jean-Marie Burkhardt, "Thematic coherence and quotation practices in OSS design-oriented online discussions," *Proceedings of ACM Group: International Conference on Supporting Group Work*, Sanibel Island, Florida, November 2005.
- with Flore Barcellini, Françoise Détienne, and Jean-Marie Burkhardt, "A study of online discussions in an Open-Source Software Community: Reconstructing thematic coherence and argumentation from quotation practices," *Proceedings of the Communities and Technologies Conference*, Milan, Italy, June 2005.
- with John Kelly and Michael Dale, "Searching the Net for Differences of Opinion," in *Proceedings of the Second Conference on Online Deliberation: Design, Research, and Practice*, Stanford University, May 2005.
- 2004 "Aesthetics of Information Visualization," *International 4S Conference: Social Studies of Science and Society*, Paris, France, August 2004
- 2003 with Nicolas Ducheneaut, Dilan Mahendran, Françoise Détienne and Jean-Marie Burkhardt, "Social Architecture and Technological Determinism in Open Source Software Development," *International 4S Conference: Social Studies of Science and Society*, Atlanta, GA, October 2003.
- "Mapping Conversations" (poster) *International 4S Conference: Social Studies of Science and Society*, Atlanta, GA, October 2003.
- 2002 with Nicolas Ducheneaut and Dilan Mahendran, "The Sociotechnical Construction of Open

Source Software" *International 4S Conference: Social Studies of Science and Society*, Milwaukee, WI, November 2002.

"Artificial Dialectics," in *Shaping the Network Society: Patterns for Participation, Action and Change: DIAC-02 Symposium*, Seattle, WA, May 16-19, 2002.

with Tom Erickson and Susan Herring, "Discourse Architectures: Designing and Visualizing Computer-Mediated Conversation," workshop description in the *Proceedings of ACM CHI 2002*, Minneapolis, MN, April 22nd, 2002.

2001 "What does a very large-scale conversation look like?" in the *Electronic Arts Proceedings of ACM SIGGRAPH 2001*, Los Angeles, CA, August 2001.

"Information Architecture and the Topology of Social Relations," panel "Cultural Mediation in New Media Spaces," *ACM SIGGRAPH 2001*, Los Angeles, CA, August 2001.

"Social Networks and Social Navigation," panel "Scholarly Networks" at the *International Sunbelt Social Network Conference*, Budapest, Hungary, April 2001.

2000 "Mapping Conversations," workshop "Dealing with Community Data," *ACM CSCW Computer-Supported Cooperative Work*, Philadelphia, November 2000.

"Picturing the Public: Algorithms and Interfaces for the Presentation of Public Opinion," panel Public Authority and Simulation, *American Association of Anthropology*, San Francisco, October 2000.

"Navigating Very Large-Scale Conversations" in the *Proceedings of DIAC 2000: Shaping the Network Society: The Future of the Public Sphere in Cyberspace*, Seattle, WA: Computer Professionals for Social Responsibility, May 2000.

"Discourse Diagrams: Interface Design for Very Large Scale Conversations" in the *Proceedings of the Hawaii International Conference on System Sciences, Persistent Conversations Track*, Maui, HI: IEEE Computer Society, January 2000.

"Conversation Map: A Content-based Usenet Newsgroup Browser" in the *Proceedings of the International Conference on Intelligent User Interfaces*, New Orleans, LA: Association for Computing Machinery, January 2000.

1999 "Stories and Social Networks" in the *Proceedings of the Workshop on Narrative Intelligence*, Cape Cod, MA: American Association of Artificial Intelligence, November 1999.

with Joseph Dumit, "Very Large-Scale Conversations and Illness-based Social Movements," presented at *Media in Transition*, MIT, Cambridge, MA, October 1999.

"Diagrams of Social Cohesion" In *Descriptions of Demonstrated Systems, Association for Computational Linguistics (ACL '99)* University of Maryland, College Park, June 1999.

1997 "Tactics versus Strategies and Amplifiers versus Filters: Technology and Freedom of Expression" panel *New Media: Prospects and Problems*, James Carey (moderator), *United Nation/Columbia University Roundtable on Communication for the Promotion of Peace, Development, Democracy and Respect for Human Rights and Fundamental Freedoms in the Global Village*, United Nations Department of Public Information and Columbia University School of International and Public Affairs, Harriman, NY, April 21-24, 1997

"On-Line Language Games" panel *Cyberspace: Trojan Horse or Roman Holiday?*, Andrea

- Feeser and Jon Winet (organizers), *College Art Association (CAA97)*, New York, New York, February, 1997.
- 1996 "Actor-Role Analysis: Ideology, Point of View and the News" in *Collected Abstracts of the Joint International Conference of the Association for Literary and Linguistics Computing (ALLC) and the Association for Computing in the Humanities (ACH)*, Bergen, Norway, June 1996.
- "Replaying Turing's Imitation Game," panel *Nets and Internets at Console-ing Passions: Television, Video and Feminism*, Madison, WI, April 25-28, 1996.
- 1995 "Desire and Drive In Movies: Autos and the Infobahn", in *Collected Abstracts of Technology, History, Theory: A Centennial Reflection on Cinema*, Athens, Ohio, November 1-4, 1995.
- "Representing and Recognizing Point of View," in *Proceedings of the American Association of Artificial Intelligence Fall Symposium on Artificial Intelligence Applications in Knowledge Navigation and Retrieval*, Cambridge, MA, November 1995.
- "Ideological Point of View and Digital Prostheses for Interpretation," in the *Collected Abstracts of Narrative Perspectives: Cognition and Emotion*, Utrecht, The Netherlands, June 1995.
- 1994 "On the Computation of Point of View," in *Proceedings of the National Conference of Artificial Intelligence (AAAI 94)*, Seattle, WA, July 31-August 4, 1994.
- "Indexing Multimedia by Ideology," in *Proceedings of the American Association of Artificial Intelligence Workshop on Indexing and Reuse of Multimedia*, Seattle, WA, July 1994.
- "Future News: Constructing the Audience Constructing the News," in *Proceedings of WRITE'94*, Vancouver, Canada, June 1994.
- with Marc Davis, "IDIC: Assembling Video Sequences from Story Plans and Content Annotations," in *Proceedings of the IEEE International Conference on Multimedia Computing and Systems*, Boston, MA, May 14-19, 1994.
- 1993 "Coding News and Popular Culture," *International Joint Conference on Artificial Intelligence (IJCAI) Workshop on Models of Teaching and Models of Learning*, Chambéry, France, July 1993.
- 1992 with Randy Bennett and Elliot Soloway, "The Advanced Placement Computer Science Practice and Feedback System," in *Proceedings of the NATO Advanced Research Workshop on Cognitive Models and Intelligent Environments for Learning*, Genoa, Italy, March 1992.
- 1991 "Constructivism and Digital, Networked Television," in the *Collected Abstracts of the American Association of Artificial Intelligence Fall Symposium on Knowledge and Action at Social and Organizational Levels*, Monterey, California, November 1991.
- "The Design of Computer-Based Non-Tools for Problematization," in the *Collected Abstracts of the Second International Conference on Cyberspace*, Santa Cruz, CA, April 1991.
- NATO Advanced Workshop on Student Modeling*, Ste. Adele, Québec, Canada
- 1989 "Interdisciplinary Memories and Explanations," *NATO Advanced Research Workshop on Guided Discovery Tutoring*, Il Ciocco, Italy, July 1989.

1988

"Finding Errors by Overlooking Them," in *Proceedings of the International Conference on Intelligent Tutoring Systems (ITS-88)*, Claude Frasson, editor, Montréal, Canada, June 1988.

Invited Lectures and Presentations

- 2016 "Decoding Digital Democracy," *Séminaire interne de l'Institut d'études avancées de Paris*, November 22, 2016, invited by Simon Luck
- Discussant, "Interfaces de programmation abstraites: Journée d'étude EnsadLab: Reflective Interaction," intervenants: Sylvie Tissot (Esad Valence); Jonathan Tanant (EnsadLab Paris); Filipe Pais (EnsadLab); Oussama Mubarak (EnsadLab); Gilles Rouffineau (Esad); Annick Lantenois (Esad); Fabiola Hanna (UCSC); Dominique Cunin (EnsadLab et Esad); 18 novembre 2016, coordonné par Dominique Cunin
- 2015 "Taking Steve Jobs Seriously: Innovation and the Liberal Arts," for the panel "Manufacturing innovating and participating citizens," *Participating in Innovation, Innovating in Participation*, i3: Institut Interdisciplinaire de l'Innovation, Mines ParisTech et Télécom ParisTech, December 4, 2015, invited by Michael Baker
- "Ada Lovelace: Turning Numbers into Language," *A Roundtable Discussion Celebrating Ada Lovelace* (with Anne Baillot, Humboldt University, Berlin; Nachum Dershowitz, Tel Aviv University; Jean-Gabriel Ganascia, U. de Paris VI, Pierre et Marie Curie; and Helene Kirschner INRIA), l'Institut d'études avancées de Paris, December 2, 2015, invited by Gretty Mirdal <http://www.paris-iea.fr/fr/liste-des-videos/celebrating-ada-byron-lovelace-computing-and-humanities-6157>
- "Work and Machine Languages," *L'Organogenesis : Pour un nouveau paradigme de recherché en art et design*, L'EnsadLab, laboratoire de l'École nationale supérieure des Arts Décoratifs, le LabSIC, Laboratoire des sciences de l'information et de la communication de l'université Paris 13 et l'IRI, Institut de recherche et d'innovation du Centre Pompidou, PSL, Paris Sciences et Lettres, October 15-16, 2015, invited by Igor Galligo (EnsadLab/IRI), Samuel Bianchini (EnsadLab), Everardo Reyes Garcia (Paris 8), and Bernard Stiegler (IRI) <http://ldt.iri.centrepompidou.fr/ldtplatform/ldt/front/player/0c3e3726-d8ba-11e6-9f47-00145ea4a2be/5b11ad2e-d8ba-11e6-9f47-00145ea4a2be> (starting at the 50 minute mark)
- "The Software Arts," *Séminaire interne de l'Institut d'études avancées de Paris*, October 13, 2015, invited by Simon Luck
- "Digital Humanities & Software Studies," Digital Humanities Working Group, UC Santa Cruz, May 26, 2015, invited by Rachel Deblinger
- Participant, *Google Philosophy of the Web Seminar*, Googleplex, Mountain View, CA, 31 March 2015, invited by Peter Norvig (Google), Harry Halpin (MIT), David Bates (Berkeley)
- 2014 "Code and Critical Theory" presented at *Les Entretiens du Nouveau Monde Industriel 2014: La «Vérité» du Numérique: Recherche et enseignement supérieur à l'époque des technologies numériques*, Centre Georges Pompidou, Paris, France, 5-6 December 2014, invited by Bernard Stiegler
- "La création de langages de programmation avec JavaScript," presented at EnsadLab, École nationale supérieure des Arts Décoratifs, Paris, France, 4 December 2014, invited by Samuel Bianchini
- "Language Limits: Signs beyond Semiotics," in dialogue with Frédéric Kaplan (École Polytechnique Fédérale de Lausanne), presented at the *Digital Studies Seminar*, Centre Georges Pompidou, Paris, France, 2 December 2014, invited by Bernard Stiegler

"Mutual Recursion: What Happens When Politics Become Code?," keynote address presented at *Generating Knowledge and Building Democratic Power with Community-Based Research and Digital Media*, UC Center for Collaborative Research for an Equitable California, UC Santa Cruz, 15 November 2014, invited by Ron Glass

Introducer and discussant for the keynote presentation by Rebecca MacKinnon for *Pan-Optics: Emerging Perspectives on Visual Privacy & Surveillance*, CITRIS, UC Berkeley, 6 March 2014, invited by Kris Fallon

"A Machine to Tell Stories: From Propp to Software Studies," *Center for Cultural Studies*, UC Santa Cruz, 19 February 2014, invited by Vanita Seth

Respondent (with Francesco Panese, Joe Dumit, and Jim Griesemer) to a presentation by H el ene Mialet on her book "Hawking Incorporated: Stephen Hawking and the Anthropology of the Knowing Subject," *Center for Science and Innovation Studies* and the *Humanities Institute Research Cluster*, "What does health mean today?" UC Davis, 31 January 2014, invited by Cristiana Giordano
<http://innovation.ucdavis.edu/special-book-event-helene-mialet-hawking-incorporated>

"Using Software (Art) to See the World," *Leonardo Art Science Evening Rendezvous* (LASER), UC Santa Cruz, 28 January 2014, invited by John Weber

2013

Invited speaker, "JSON, it's not just for data anymore: Prototyping languages in JS" at *JS.Everywhere*, Treasure Island, San Francisco, 25 October 2013, invited by Lyle Troxell
<http://jseverywhere.org>; <http://www.youtube.com/watch?v=pUweBjL1yUY>

Respondent (with David Bates) to presentations by N. Katherine Hayles and Bernard Stiegler, *Creating Minds: Reading and Writing in the Digital Age*, Berkeley Center for New Media, UC Berkeley, 23 October 2013, invited by David Bates
<https://sites.google.com/site/creatingminds2013/>

Panel moderator for "Navigating the Sea of Data Without Getting Lost" (speakers: Laurenellen McCann (Sunlight Foundation), Daniel Newman (MapLight), Matthew Scharpnick (Elefant Designs), Eric Cadora (Justice Mapping Center)) at *Can "Open Data" Improve Democratic Governance?*, UC Berkeley Institute of Governmental Studies & CITRIS Data & Democracy Initiative, UC Berkeley, 12 September 2013, invited by Camille Crittenden
https://www.youtube.com/watch?v=PW1G5AopdUk&list=PLYTiwx6hV33s-kLYugeHT6neM9f_JJUyn&index=13

Keynote address, "Data Visualization as Recursive Public Discourse," *Digital Methods Summer School 2013: On the challenges of studying social media data*, University of Amsterdam, The Netherlands, 3 July 2013, invited by Richard Rogers

"Image, Number, Language," *S eminaires INTERACT*, D epartement Sciences  conomiques et Sociales, T el ecom ParisTech, Paris, France, 10 June 2013, invited by Christian Licoppe and Fran oise D etienne

Panelist with other contributors to a special issue of *Art press 2* (Franck Cormerais, Sylvie Coellier, Boris Groys, Jacinto Lageira, Pau Walder, Richard Begin, Lev Manovitch, Patrice Maniglier, Dominique Moulon, Dominique Roland, Annick Bureau, Gregory Chatonsky, Jean-Louis D eotte, Jean-Paul Fourmentreaux), *Art in the Digital Age / L'art dans le tout num erique*, Centre des Arts d'Enghien-les-Bains, France, 4 June 2013, invited by Norbert Hillaire and Catherine Millet

Invited presenter, "Scripts: Institutions, Software or Not?," *Atelier Enquête sur les modes d'existence (EME): Organisation*, Sciences Po, Paris, 27 April 2013, invited by Bruno Latour, François Cooren and Christophe Leclercque

Panel moderator for "Thinking Infrastructure," (speakers: Lisa Parks and Ganaele Langlois) at *Habits of Living: Networked Affects, Glocal Effects*, Department of Modern Culture and Media, Brown University, 21 – 23 March 2013, invited by Wendy Hui Kyong Chun
<http://www.brown.edu/Conference/Habits/>

"Image, Number, Language," Centre for Innovation and Social Process and the Digital Culture Unit, Centre for Cultural Studies, Goldsmiths College, University of London, 12 March 2013, invited by Matthew Fuller and Noortje Marres
<http://www.csisponline.net/2013/03/20/a-writing-exercise-for-the-public-warren-sack-on-digital-convergence/>

"Formalism and the Machine: Vladimir Propp's folktale morphology rewritten as a computer program," presented at *Les Formalismes Littéraires et Leurs Enjeux Philosophiques*, Ecole Normale Supérieure de Paris, 16 February 2013, invited by Marie Gil and Patrice Maniglier
http://dep-philo.u-paris10.fr/medias/fichier/journee-esthetique_1359539814227-pdf

"Mutual Recursion: What happens When Politics Becomes Code?," Sciences Po (Institut d'Études Politiques de Paris), 8 February 2013, invited by Bruno Latour

"Peer to PCAST: What does open video have to do with open government?" presented at the *SIGCHI Paris Seminar on Human-Computer Interaction and Information Visualization*, Télécom ParisTech, Paris, France, 16 January 2013, invited by Françoise Détienne
<http://paris.sigchi.acm.org:88/homepage/home.php?n=Main.WarrenSackSeminar>

2012

"Image, Number, Language," presented at *Les Entretiens du Nouveau Monde Industriel 2012: Digital Studies: Organology and Industrialization of Knowledge*, Centre Georges Pompidou, Paris, France, 17-18 December 2012, invited by Bernard Stiegler
<http://enmi12.org/video-enmi12-session-1/>

Panelist with Jennifer González, Carlos Motta, Soraya Murray, and Peggy Weil for "Digital Art & Democracy: People, Places, Participation," Arts Division, UC Santa Cruz, 1 June 2012, invited by Jennifer González

"Software_Art && Software_Aesthetics," presented at the *Philosophy Department Colloquium*, UC Santa Cruz, 10 May 2012, invited by Daniel Guevara
<http://philosophy.ucsc.edu/news-events/colloquia/warren%20sack%20.html>

Panel discussant for "Creating and Sustaining Trust," (speakers: Malia Fullerton and Michael Kellen) at "Are You My Data?" a conference hosted by the Science & Justice Research Center, the UCSC Office of Research, and the UCSC Cancer Genomic Hub, UC Santa Cruz, 8 May 2012, invited by Jenny Reardon
<http://research.pbsci.ucsc.edu/scienceandjustice/blog/home/are-you-my-data/>

Panelist with Kevin Epps, Lissa Soep, D. Scot Miller, and Cecil Brown for "Emperor Ain't Got On No Clothes?," for the *Inclusion: Swinging and Flowing Conference*, UC CITRIS and the Department of African American Studies, UC Berkeley, 26 April 2012, invited by Cecil Brown
<https://sites.google.com/site/swingingandflowing/home>

"Agonism, Art, and Politics" presented at "Conversation: Structures for Discord," a roundtable with Steve Dietz, Carl DiSalvo, Marisa Jahn, Warren Sack, Mark Shepard as a part

of *Discourse and Discord: Architecture of Agonism from the Kitchen Table to the City Street*, Walker Art Center, Minneapolis, MN, April 13, 2012, invited by Steve Dietz, Ashley Duffalo and Susy Bielak (<http://www.walkerart.org/channel>)
<http://www.youtube.com/watch?v=0Yr7F4tJTa>

"Data & Democracy" presented at "Pecha Kucha: From the Table to the Streets," as a part of *Discourse and Discord: Architecture of Agonism from the Kitchen Table to the City Street*, Walker Art Center, Minneapolis, MN, April 13, 2012, invited by Steve Dietz, Ashley Duffalo and Susy Bielak (<http://www.walkerart.org/channel>)

"Embodying Agonism" presented as an "Agonism Workshop," as a part of *Discourse and Discord: Architecture of Agonism from the Kitchen Table to the City Street*, Walker Art Center, Minneapolis, MN, April 13, 2012, invited by Steve Dietz, Ashley Duffalo and Susy Bielak (<http://www.walkerart.org/channel>)

"Software_Art && Software_Aesthetics," presented at the Department of Modern Culture and Media, Brown University, April 10, 2012, invited by Ellen Frances Rooney
http://brown.edu/academics/modern-culture-and-media/sites/brown.edu.academics.modern-culture-and-media/files/uploads/sack_poster_0.pdf

2011

"Citizen-centered Design," presented at the *Digital We Workshop*, Center for Information Technology Research in the Interest of Society (CITRIS), University of California, Berkeley, December 8, 2011, invited by Greg Niemeyer and James Holston

"Peer to PCAST: What does open video have to do with open government?," presented at the Human-Computer Interaction Seminar, Stanford University, November 11, 2011, invited by Terry Winograd and Scott Klemmer
http://www.youtube.com/watch?v=dXXz_fwSuTw

"On the materialities of understanding: Lévi-Strauss, Bricolage, and Digital Tinkering," presented at the Roundtable on Comparative Tinkering (with Karen Barad, Alan Christy, Lawrence Cohen, Andrew Matthews, Danilyn Rutherford, Warren Sack), Anthropology Department, University of California, Santa Cruz, October 25, 2011, organized by Peter Lutz and Heather Swanson

"Digital Methods and Software Studies after Narrative Intelligence," presented at the Digital Humanities Research Seminar, Digital and Social Media Research Theme, University of Sussex, UK, October, 21, 2011, invited by Caroline Bassett and Kate O'Riordan
<http://www.sussex.ac.uk/research/digital/newsandevents/ongoingactivities/digitalmethodsandssoftwarestudies>

Discussant for the keynote presentation by Adrian MacKenzie for *Tweak! Modding disciplines through inventive tools*, Science & Technology Studies, UC Davis, September 23, 2011, invited by Joseph Dumit and Nina Wakeford

"Rules, Facts, and Institutions: How to do software with Searle," presented at a "Working Lunch," Philosophy Department, UC Santa Cruz, June 10, 2011, invited by Daniel Guevara

"Mutual Recursion: What happens When Politics Becomes Code?," presented at the Science & Technology Studies "Food for Thought" Event, Center for Science and Innovation Studies, UC Davis, May 13, 2011, invited by Joseph Dumit

Moderator for the panel "Games and the Future of Culture," (speakers: Ian Bogost, Robin Hunicke, Noah Wardrip-Fruin), *Inventing the Future of Games*, University of California, Santa

Cruz at the India Community Center, Milpitas, CA, April 15, 2011, invited by Michael Mateas and Noah Wardrip-Fruin

2010 "Mutual Recursion: What happens When Politics Becomes Code?," presented at the *Symposium on Networked Politics*, Ryerson University, Toronto, Canada, October 23, 2010, invited by Greg Elmer
<http://www.ustream.tv/recorded/10372311>

"Maps, Narratives & Conversations," presented at the workshop on *Digital Methods and Migrations*, Département Economie et Sciences Sociales de Télécom ParisTech (ENST Ecole nationale supérieure des télécommunications) & Programme TIC Migrations, Fondation Maison des Sciences de l'Homme; co-sponsored by the National Science Foundation (award id 0416353), June 23, 2010, invited by Dana Diminescu

"From Social Media to Software Studies," Film and Media Studies Department, Hunter College, City University of New York, May 11, 2010, invited by Jay Rosen

"The Software Arts: Computer Science is a Liberal Art," *Symposium on Aesthetic Computing and Neuroaesthetics*, Arts Research Center, University of California, Berkeley, May 5, 2010, invited by Whitney Davis & Michael Kelly

"What is Politics 2.0?," *New Media Roundtable*, Center for New Media, University of California, Berkeley, March 11, 2010, invited by Ken Goldberg

2009 "Computers as Tool, Object of Study, Idea, and Institution," presented on the panel "Research/Curriculum Disconnect?" for "Computational Media: Creating a 21st Century Curriculum for Games and Playable Media," a workshop for the National Science Foundation (NSF) Directorate for Computer & Information Science & Engineering (CISE) Pathways to Revitalized Undergraduate Computing Education (CPATH), supported by an NSF CPATH Grant "Revitalizing Computer Science Education Through the Science of Digital Media" (Jennifer Burg and Conrad Gleber, PIs), November 19-20, 2009, University of California, Santa Cruz, CA, invited by Michael Mateas

"Software Studies, Software Art, Software Design," *Leonardo Art Science Evening Rendezvous* (LASER), sponsored by: ZKM|Center for Art and Media and the School of the Art Institute of Chicago, November 9, 2009, University of San Francisco, San Francisco, CA, invited by Piero Scaruffi

Moderator for the panel "Authorship, Technologies and Frames" (speakers: Joline Blais, E.G. Crichton, David Evan Harris, Jon Ippolito, Marsha Kinder; respondent: Noah Wardrip-Fruin), *The Art of Collaboration: A Symposium*, University of California, Santa Cruz, CA, October 23, 2009, invited by B. Ruby Rich, Margaret Morse, and Soraya Murray
<http://www.youtube.com/watch?v=FDrq3TL1RVA>

"Interactive Social Mapping," *Nowcasting: Design Theory & the Digital Humanities: A Transdisciplinary Seminar*, Design | Media Arts Department, University of California, Los Angeles, October 16, 2009, invited by Peter Lunenfeld

"Technologies of Community, Conversation by Design: How should networked public spaces be designed?," Research Seminar, Département Economie et Sciences Sociales de Télécom ParisTech (ENST Ecole nationale supérieure des télécommunications), Paris, France, July 8, 2009, invited by Françoise Détienne

Panelist, "Technoscience and Social Change" (with Fred Turner, Caroline Bassett, and Kate

O'Riordan), sponsored by the *Science and Justice Working Group* and the *Center for Cultural Studies*, University of California, Santa Cruz, CA, May 27, 2009, invited by Jenny Reardon

"Conversation Map v.2.0," in *Violence, Technology and Public Intervention: Two UCDArnet Panels*, Sponsored by UCDArnet and gallery@calit2, April 24, 2009, CALIT2/Atkinson Hall, Black Box Theater, University of California, San Diego, invited by Ricardo Dominguez

"Software Studies, Software Art, Software Design," *Leonardo Art Science Evening Rendezvous (LASER)*, sponsored by: ZKM|Center for Art and Media, April 8, 2009, SETI Institute, Mountain View, CA, invited by Piero Scaruffi
<http://www.leonardo.info/isast/events.html#laserapr09>

"Discourse Architecture," Center for Information Technology Research in the Interest of Society (CITRIS) Research Exchange Colloquium, University of California, Berkeley, March 19, 2009, invited by Ming Wu
<http://www.citris-uc.org/events/RE-spring2009>
<http://www.youtube.com/watch?v=KQwZkyP2Qpo>

with Abram "Aphid" Stern and Mark Deckert, "Software Demonstration: Metavid: An interface and archive of Congressional video," CITRIS Headquarters: Opening Celebration, UC Berkeley, February 27, 2009

Participant, *The Changing Dynamics of Public Controversies*, Journalism School, Columbia University, NY, NY, February 7, 2009, invited by Rasmus Nielsen and Todd Gitlin

"Social Software and Social Justice," UC Santa Cruz Science and Justice Working Group, University of California, Santa Cruz, CA, February 11, 2009, invited by Jenny Reardon

"Artist's Talk," Interactive Media Seminar, School of Cinematic Arts, University of Southern California, Los Angeles, CA, February 4, 2009, invited by Scott Fisher

"Software Studies," Annenberg Research Park Colloquium Series on Multimedia Literacy, University of Southern California, Los Angeles, CA, February 3, 2009, invited by Mimi Ito
<http://www.youtube.com/watch?v=43Jm-a20NSk>

Discussant, "Contemporary Networking and Computing" (with Paul Rabinow) at *Ars Synthetica: The Anthropology of the Contemporary*, University of California, Santa Cruz, CA, January 16, 2009, invited by Colin Koopman
<http://foucaultacrossthe disciplines.googlepages.com/arssynthetica.html>

2008

"La Forme des Idées," L'Ecole Nationale des Beaux-Arts de Lyon et l'Ecole Nationale Supérieure d'Art de Nice (Villa Arson), France, December 16, 2008, invited by Patrice Maniglier

Panelist, "Design Strategies and Conflict Resolution" (with Amy Franceschini and John Bela), Design and Technology Department at the San Francisco Art Institute, November 19, 2008, invited by Paul Klein

"Software Studies," "Aesthetics and Politics Series," Pratt Institute, Brooklyn, NY, November 12, 2008, invited by Jonathan Beller

"Universities, Schools, Colleges, and Laboratories for Art, Media and Technology," Parsons The New School of Design, New York, NY, November 11, 2008 invited by Katie Salen

"Software Studies," Center for Cultural Studies, UC Santa Cruz, October 8, 2008, invited by Carla Freccero

"Software Studies," Digital Methods Initiative Summer Talk Series and Govcom.org Jubilee, University of Amsterdam, Amsterdam, The Netherlands, 11 August 2008, invited by Richard Rogers

"Media Design as Conversation Design," Media Design Colloquium, Art Center of Design, Pasadena, CA, 18 June 2008, invited by Anne Burdick

"Art, Media and Technology," Parsons The New School of Design, New York, NY, 30 May 2008, invited by Lisa Grocott

"From Software Studies to Software Design," Software Studies Workshop, CALIT2, UC San Diego, 21 May 2008, invited by Lev Manovich and Noah Wardrip-Fruin
<http://www.youtube.com/watch?v=dSLIXjZn2I8>

"Politics 2.0," *Social Graph FOO*, O'Reilly Media, Sebastopol, CA, 2 February 2008.

2007

"Technologies of Community, Conversation by Design: How should networked public spaces be designed?," ESI Design, New York, NY, 18 December 2007, invited by Sawad Brooks

"Technologies of Community, Conversation by Design: How should networked public spaces be designed?," University Seminar, Columbia Center for New Media Teaching and Learning, Columbia University, New York, NY, 10 December 2007, invited by Frank Moretti

"Technologies of Community, Conversation by Design: How should networked public spaces be designed?," Digital + Media Colloquium, Rhode Island School of Design, Providence, RI, 23 October 2007, invited by Christiane Paul and Bill Seaman.

"Aesthetics of Information Visualization," Visual Communication Lab, IBM Research, Cambridge, MA, 22 October 2007 (<http://www.research.ibm.com/visual/index.html>), invited by Fernanda Viegas and Martin Wattenberg.

"Technologies of Community, Conversation by Design: How should networked public spaces be designed?," Communications Colloquium, School of Journalism, Columbia University, New York, NY, 9 October 2007, invited by Rasmus Nielsen.

"Art and Aesthetics of Information Visualization," *Information Aesthetics Workshop of the Visualization Summit*, Swiss Federal Institute of Technology, Zürich, Switzerland, July 3, 2007, invited by Andrew Vande Moere.

"From Networked Publics to Object-Oriented Democracies," presented at the *New Network Theory Conference*, Institute of Network Cultures, University of Amsterdam, Amsterdam, The Netherlands, June 28-30, 2007, invited by Geert Lovink and Richard Rogers

with Rudolf Frieling (Curator of Media Arts, SFMoMA), "Art, Technology and Conversation," presented at the Art & Conversation Discussion Series, co-organized by the University Art Gallery at Sonoma State University and the Community Foundation Sonoma County, funded by the James Irvine Foundation Communities Advancing the Arts Initiative, Sonoma State University, Sonoma, CA, May 22, 2007, invited by Michael Schwager.

"Technologies of Community, Conversation by Design: How should networked public spaces be designed?" presented at the conference on Planning for the Conservation and Future

- Design of Towns and Cities: A US-Japan Dialogue, co-organized by the US Embassy, Tokyo; the Graduate School of Interdisciplinary Information Studies; and, the Graduate School of Urban Engineering, University of Tokyo, Tokyo, Japan, April 25, 2007, invited by Shunya Yoshimi
- "Aesthetics, Art, and Digital Media," Interdisciplinary Speakers Programs, Department of Philosophy, University of North Carolina, Charlotte, January 18, 2007, invited by Michael Kelley
- "Aesthetics of Information Visualization," Visualization Center Seminar Series, Department of Computer Science, University of North Carolina, Charlotte, January 18, 2007, invited by William Ribarsky.
- 2006 "An Aesthetics of Democracy," presented at the *Distributed Aesthetics Seminar*, Wissenschaftskolleg (Center for Advanced Study), Berlin, Germany, May 11-12, 2006, invited by Geert Lovink and Anna Munster.
- "An Art and Pedagogy of Computer Games," present at the UCDARNet (UC Digital Arts Research Network) *Information/Exchange*, Design | Media Arts Department, UCLA, Los Angeles, March 2006, invited by Victoria Vesna.
- 2005 "Artificial Memory," presented at *Saving Time: Interdisciplinary Perspective on Memory and Memorialization*, University of California, Santa Cruz, November 2005, invited by Tyrus Miller and David Hoy.
- "Reading and Media," Roundtable discussant, *Research in the Technological, Social, and Cultural Practices of Online Reading*, UCSB, Transliteracies UC MRG, Santa Barbara, CA, June 2005, invited by Alan Liu
- "Agonistics: A Language Game," Software demonstration, Social Computing Symposium, organized by the Social Computing Group in Microsoft Research, Redmond, WA, April 26, 2005, invited by Shelly Farnham
- "Public Space, Public Discussion and Social Computing," presented at *Mapping Global Landscapes: Emerging Spaces and Subjectivities*, Department of Sociology, University of Chicago, May 5, 2005, invited by Saskia Sassen
- "Public Space, Public Discussion and Social Computing," presented at the Center for New Media, UC Berkeley, February 24, 2005, invited by Whitney Davis
- "Public Space, Public Discussion and Social Computing," presented at the School of Communication, Northwestern University, Technology and Social Behavior Speaker Series, February 18, 2005, invited by Eszter Hargittai
- 2004 "Public Space, Public Discussion and Social Computing," presented at Department of Modern Culture and Media, Brown University and Department of Digital Media, Rhode Island School of Design (RISD), October 19, 2004, invited by Wendy Hui Kyong Chun and Bill Seaman
- "Agonistics: A Language Game," presented at the Institute for Distributed Creativity in collaboration with The Thing (<http://www.thing.net>), New York City, October 14, 2004, invited by Trebor Scholz
- "Network Technologies that do Notwork," presented at the symposium "The Power and

Pathology of Networks”, The Information Technology, War and Peace Project, The Watson Institute for International Studies, Brown University, September 11, 2004, invited by James Der Derian and Wendy Hui Kyong Chun
http://www.watsoninstitute.org/infopeace/ppn/audio/panel4_sack16.mp3

“Sophisticated Simulations: Simulation, Sophistry and Stupid Technical Tricks,” *Workshop on Simulation and Other Re-enactments: Modeling the Unseen*, Banff New Media Institute, Banff, Canada, April 29, 2004, invited by Sara Diamond
http://www.banffcentre.ca/bnmi/programs/archives/2004/simulation/asx/Day02/13_sack.asx

“A Critical Technical Practice,” *Critical Praxis for the Emerging Culture Symposium*, School of Art and School of Architecture, Washington University, St. Louis, MO, April 16, 2004, invited by Sung Ho Kim and Cynthia Weese
<http://www.arch.wustl.edu/criticalpraxis/overview.htm>

“Public Space, Public Discussion and Social Computing,” Microsoft Research Social Computing Symposium, Redmond, WA, March 30, 2004, organized by the Social Computing Group in Microsoft Research in collaboration with the Social Computing Research Groups at IBM and FX Palo Alto, invited by Shelly Farnham
<http://murl.microsoft.com/LectureDetails.asp?1069>

“Aesthetics of Information Visualization,” Research Workshop for Critical Studies of New Media, Stanford Humanities Center, Stanford University, February 26, 2004, invited by Tim Lenoir

“Picturing the Public: Algorithms and Interfaces for the Presentation of Public Opinion,” “Media Art Network Lectures: Mapping,” ZKM (Center for Art and Media), Karlsruhe, Germany, January 24, 2004, invited by Rudolf Frieling
[http://on1.zkm.de/zkm/stories/storyReader\\$3755](http://on1.zkm.de/zkm/stories/storyReader$3755)

2003 with Dilan Mahendran, Françoise Détienne and Jean-Marie Burkhardt, “Social and Cognitive Analyses of Collaborative Design for Open Source Software,” CNAM (Conservatoire National des Arts et Métiers), September 2003, invited by Pierre Falzon

“Discourse Architecture and Very Large-Scale Conversation,” presented at UC Santa Cruz, Computer Science Department Colloquium, May 7, 2003, invited by Jane Wilhelms

“Discourse Architecture: Online Public Space and Public Discourse,” “Reality Zone” conference of the UC Digital Arts Research Network, UC Santa Barbara, George Legrady, Lisa Jevbratt, and Marko Peljhan (organizers), April 26, 2003

“Discourse Architecture: Online Public Space and Public Discourse,” Center for Cultural Studies, UC Santa Cruz, Chris Connery, April 16, 2003

Forum Participant, “Translation Map,” Digital Intermediaries Symposium, UC Santa Cruz, March 8, 2003, David Crane

2002 “Discourse Architecture,” presented at Brown University, Modern Cultures and Media Department, December 9, 2002, Sawad Brooks and Michael Silverman

“Discourse Architecture,” Yale University, Department of Mechanical Engineering, December 5, 2002, Natalie Jeremijenko and Wei Tong

“Discourse Architecture,” Cornell University, Computer Science Department and the

Program in Information Science, December 3, 2002, Phoebe Sengers

"What does a very large-scale conversation look like?" presented at Princeton University, GWA Faculty Group, November 14, 2002, Paul DiMaggio and David Dobkin

with Sawad Brooks, "Translation Map," University of New Mexico, Albuquerque, Art Technology Center, November 1, 2002, Danae Falliers and Edward Angel

"Discourse Architectures," University of Minnesota Design Institute, Seven Pines Workshop, September 21, 2002, Jan Abrams

"On the Summarization and Visualization of Very Large-Scale Conversations and Online Collaborations," Centre de Sociologie de l'Innovation (CSI), Ecole des Mines de Paris (ENSMMP), June 17, 2002, Michel Callon and Bruno Latour

"Online Public Discourse and Computational Technologies of the Self," presented at *In/Formation: Genomics, Life and Media*, Paris, France, Ecole Normale Supérieure of Paris and the French State Department, June 10, 2002, Paul Rabinow, Claude Imbert, and Francis Pisani

"A Quantitative Analysis of Some Online Forums for Software Developers," *Sun Microsystems Developer Web Services Colloquium*, Menlo Park, CA, June 6, 2002, Elaine Coleman

"Metadesigns for Conversation," presented at Metadesign, Inc., San Francisco, CA, April 29, 2002, Elizabeth Glenewinkel

"Suture Self: Computers and Technologies of the Self," Department of Film and Digital Media, UC Santa Cruz, March 18, 2002, Eli Hollander

"Online Public Space and Public Discourse," presented at *Interfacing Knowledge: New Paradigms for Computing in the Humanities, Arts and Social Sciences*, UC Digital Cultures Project (Multi-Campus Research Unit), March 9, 2002, Mark Meadow and Bill Warner

"Citizen-Centered Software Design," Social Science Research Council Program on Information Technology, International Cooperation and Global Security, New York City, March 1, 2002, Robert Latham and Saskia Sassen

Discussant for presentation by Michael Chwe on "Common Knowledge," Social Science Research Council Program on Information Technology, International Cooperation and Global Security, New York City, March 1, 2002, Robert Latham and Saskia Sassen

"The Social Technologies Research Group," Art Technology and Culture meeting *020202: Social Technologies Dialogue*, UC Berkeley, February 2, 2002, Shawn Brixey, Ken Goldberg, Greg Niemeyer, Rick Reinhardt

with Rachel Strickland, "Visual Interfaces to Information Spaces and Social Networks," *Sun Microsystems Developer Web Services Colloquium*, Menlo Park, CA, January 23, 2002, Paul Pangaro and Elaine Coleman

"From Chronopoly to Chronocracy" presented at *Radical Time 2002*, Art Department, UC Los Angeles, January 19, 2002, Cletus Dalgligh-Schommer

2001

Forum Participant, "Nine One One," UCDARNet (UC Digital Arts Research Network) meeting

9/11-N2N: *Networks to Nanosystems: Art, Science and Technology in Times of Crisis*, UC Santa Cruz, November 8, 2001, Sharon Daniel

"Information Architecture and the Geometry of Social Relations," colloquium series for the Berkeley Center for Globalization and Information Technology, UC Berkeley, October 25, 2001, Greig Crysler

"New Tools and Theories for Understanding Learning on the Internet," presented to the French Ministry of Research and Education participants for the UC Berkeley meeting on *e-Learners/e-Teachers: Facts, Myths, Trends*, October 23, 2001, Gilles Braun

"Information Architecture and the Topology of Social Relations," *Emotional Architectures/Cognitive Science in Interaction Design Program* at the Banff New Media Institute, Banff Canada, September 22, 2001, Sara Diamond

"Code and Transnational Public Spheres," Social Science Research Council Program on Information Technology, International Cooperation and Global Security, Summer Institute, Berkeley, July 20, 2001, Robert Latham and Saskia Sassen

Discussant for presentation by Steve Weber on "Open Source Software and Cooperation," Social Science Research Council Program on Information Technology, International Cooperation and Global Security, Summer Institute, Berkeley, July 20, 2001, Robert Latham and Saskia Sassen

"Frontiers in Research Methods," Social Science Research Council Program on Information Technology, International Cooperation and Global Security, Summer Institute, Berkeley, July 19, 2001, Robert Latham and Saskia Sassen

with Nicolas Ducheneaut, "Information Technologies and Social Interactions," Social Science Research Council Program on Information Technology, International Cooperation and Global Security, Summer Institute, Berkeley, July 15, 2001, Robert Latham and Saskia Sassen

"The Conversation Map," presented at Cooper Interactive Design, Palo Alto, CA, May 9, 2001, Robert Reimann.

Panel Moderator, "High Tech with a Heart: IT Consulting and Training with Nonprofits," Panelists: Amy Luckey, Director of Special Projects, TechRocks; Marlon Mendieta, Technology Center Manager, Arribas Juntos; Dinesh Mistry, Senior Program Manager, Consulting, CompuMentor; Joni Podolsky, Program Director, Wired for Good, Center for Excellence in Non-Profits; and, Erick Recinos-Rosas, Technology Consultant, CompuMentor. Organized by Sarah Dunham of the UC Berkeley, Career Center, April, 10, 2001.

"Mapping Conversations: An Update Report," Human-Centered Computing Meeting, CS Division, UC Berkeley, March 2001, John Canny

2000

"Discourse Diagrams," *Living Architectures Program* at the Banff New Media Institute, Banff, Canada, September 23, 2000, Sara Diamond.

"Design for Very Large-Scale Conversations," Human-Center Computing Meeting, UC Berkeley, Lake Tahoe, CA, July, 2000, John Canny

"Visualizations for Very Large-Scale Conversations," IBM Almaden Research Center, San Jose, CA, April 18, 2000, Jim Spohrer

- "Visualizations for Very Large-Scale Conversations," presented at Xerox PARC, Palo Alto, CA, April 13, 2000, Mark Stefik
- "Visualizations for Very Large-Scale Conversations," Lotus Development Corporation, Cambridge, MA, March 29, 2000, Paul Moody and Daniel Gruen
- "Visualizations for Very Large-Scale Conversations," Center for Strategic Technology Research, Andersen Consulting, Palo Alto, CA, March 10, 2000, Luke Hughes
- "Visualizations for Very Large-Scale Conversations," presented at Ricoh Silicon Valley, Menlo Park, CA, March 9, 2000, Greg Wolff
- "Design for Very Large-Scale Conversations," School of Information, University of California, Berkeley, February 8, 2000, Hal Varian
- "Conversation Map: An Interface for Very Large-Scale Conversations," *Seminar on People, Computers, and Design*, Department of Computer Science, Stanford University, January 21, 2000, Terry Winograd
- "Design for Very Large-Scale Conversations," presented at Department of Design and Media Art, University of California, Los Angeles, CA, January 19, 2000, Victoria Vesna
- 1998 " (Art)ificial Intelligence," *Issues in Digital Media Art Lecture Series*, Department of Art, University of California, Santa Cruz, CA, May 26, 1998, Sharon Daniel
- 1996 "Software Agents or Digital Prostheses: Tired or Wired?," presented for the *PLATO Lecture Series, Society and the Internet*, Evergreen State College, Olympia, WA, March 5, 1996, Sarah Williams
- 1992 Educational Testing Service, General Seminar Series, Washington, D.C.
- 1991 University of California, Cultural Studies of Science Research Cluster, Santa Cruz, CA
MIT Media Lab, Narrative Intelligence Group, Cambridge, MA
University of Michigan, Laboratory for Artificial Intelligence, Ann Arbor, MI
Educational Testing Service, Model-Based Measurements Group, Princeton, NJ
- 1990 Educational Testing Service, General Seminar Series, Princeton, NJ
- 1989 University of Paris VIII, Department of Computer Science, Paris, France.
University of Geneva, Department of Psychology, Geneva, Switzerland
University of Twente, Departments of Computer Science & Education, Twente, The Netherlands

TEACHING

Courses

Term/Year Course Number Course Name

University of California, Santa Cruz (UCSC)

S17	FDM 225	Software Studies (Graduate Seminar)
W17	FDM 20C	Introduction to Digital Media (Undergraduate Lecture Course)
	DANM 220	Introduction to Programming for the Arts (Graduate Studio)
F16		On leave at the Paris Institute for Advanced Study (Institut d'études avancées de Paris)
	FDM 299-02	Thesis Research (Independent Study)
Summer16	FDM 299-01	2 x Thesis Research (Independent Study)
S16	DANM 202-01	Dialogues and Questions in Digital Arts and Culture (Graduate Seminar)
	DANM 299-02	2 x Thesis Research (Independent Study)
	FDM 299-03	3 x Thesis Research (Independent Study)
W16	FDM 20C-01	Introduction to Digital Media (Undergraduate Lecture Course)
	DANM 220-01	Introduction to Programming for the Arts (Graduate Studio)
	FDM 297-06	Independent Study
	FDM 297F-04	Independent Study
	FDM 299-02	Thesis Research (Independent Study)
F15		On leave at the Paris Institute for Advanced Study (Institut d'études avancées de Paris)
	FDM 297-03	Independent Study
S15	DANM 202-01	Dialogues and Questions in Digital Arts and Culture (Graduate Seminar)
	DANM 299-02	3 x Thesis Research (Independent Study)
	FDM 299-03	2 x Thesis Research (Independent Study)
	DANM 199-15	Tutorial (Independent Study)
W15	FDM 20C-01	Introduction to Digital Media (Undergraduate Lecture Course)
	DANM 220-01	Introduction to Programming for the Arts (Graduate Studio)

	DANM 299-01	Thesis Research (Independent Study)
	FDM 297-06	Independent Study
	FDM 299-02	Thesis Research (Independent Study)
F14	FDM 170A-01	Fundamentals of Digital Media Production (Undergraduate Studio)
	DANM 299-06	Thesis Research (Independent Study)
	FDM 297-03	Independent Study
	FDM 299-02	Thesis Research (Independent Study)
S14	FDM 225-01	Software Studies (Graduate Seminar)
	DANM 212-01	Thesis Proposal (Studio)
W14	DANM 220-01	Introduction to Programming for the Arts
	FDM 295-07	Graduate Directed Reading
F13	FDM 295-04	2 x Graduate Directed Reading
	FDM 299-02	Graduate Thesis Research
2012-2013		on leave at Télécom ParisTech (École Nationale Supérieure des Télécommunications); and, Sciences Po (Institut d'Études Politiques de Paris)
S12	DANM 212-01	Thesis Proposal (Studio)
	DANM 299-17	2 x Thesis Research (Independent Study)
	FDM 299-01	Thesis Research (Independent Study)
W12	DANM 299-01	Graduate Independent Study
F11	CMPS 299C-39	PhD Thesis Research (Independent Study)
	FDM 297F-04	2 x Graduate Independent Study
S11	CMPS 299C-60	PhD Thesis Research (Independent Study)
	DANM 212-01	Graduate Thesis Research (Studio)
	DANM 299-17	Graduate Thesis Research (Independent Study)
	FDM 297-01	Graduate Independent Study
	FDM 297F-04	Graduate Independent Study
W11	DANM 250B-01	Software as Culture Project Group (Graduate Studio)

	CMPS 299C	PhD Thesis Research (Independent Study)
	DANM 299-01	2 x Graduate Independent Study
	FDM 297F-04	Graduate Independent Study
F10	DANM 250B-01	Software as Culture Project Group (Graduate Studio)
	CMPS 299C-39	PhD Thesis Research (Independent Study)
	DANM 297-07	Graduate Independent Study
	FDM 199F-06	Undergraduate Tutorial
	FDM 297F-04	Independent Study
S10	DANM 250	Software as Culture Project Group (Graduate Studio)
	CMPS 299C-60	PhD Thesis Research (Independent Study)
W10	FDM 225	Software Studies (Graduate Seminar) http://ic.ucsc.edu/~wsack/fdm225/winter2010/
	CMPS 299C-51	PhD Thesis Research (Independent Study)
F09	CMPS 299C-39	PhD Thesis Research (Independent Study)
	FDM 297-02	Independent Study (PhD)
S09	FDM 197-01	Senior Workshop in Digital Media (Undergraduate Studio) http://ic.ucsc.edu/~wsack/fdm197/spring2009/
	DANM 299-02	Thesis Research (Graduate Independent Study)
	DANM 299-11	Thesis Research (Graduate Independent Study)
	DANM 299-13	Thesis Research (Graduate Independent Study)
	DANM 299-17	Thesis Research (Graduate Independent Study)
	CMPS 299C-60	PhD Thesis Research (Independent Study)
W09	DANM 250C-01	Public Media Project Group (Graduate Studio) http://publicmedia.ucsc.edu
	DANM 299-01	Thesis Research (Graduate Independent Study)
	DANM 299-07	Thesis Research (Graduate Independent Study)
	DANM 299-08	Thesis Research (Graduate Independent Study)
	DANM 297G-01	Independent Study

	CMPS 299C-51	PhD Thesis Research (Independent Study)
F08	DANM 250B-01	Public Media Project Group (Graduate Studio) http://publicmedia.ucsc.edu
	FDM 20C-01	Introduction to Digital Media (Undergraduate Lecture Course) http://ic.ucsc.edu/~wsack/fdm20c/fall2008/
	CMPS 299C-39	PhD Thesis Research (Independent Study)
S08	DANM 250A-01	Public Media Project Group (Graduate Studio) http://publicmedia.ucsc.edu
	FDM 171D-01	Social Information Spaces (Undergraduate Studio) http://ic.ucsc.edu/~wsack/fdm171d/spring2008/
	DANM 299-11	Thesis Research (Graduate Independent Study)
	DANM 299-17	Thesis Research (Graduate Independent Study)
W07		sabbatical
F07		sabbatical (at Columbia University)
S07	FDM 20C-01	Introduction to Digital Media (Undergraduate Lecture Course) ic.ucsc.edu/~wsack/fdm20c/spring2007/
	FDM 170A-01	Fundamentals of Digital Media Production (Undergraduate Studio) ic.ucsc.edu/~wsack/fdm170a/spring2007/
	FDM 199-05A	Tutorial (Undergraduate)
	DANM 299-03	Thesis Research (Graduate Independent Study)
	DANM 299-04	Thesis Research (Graduate Independent Study)
W07	FDM 171D-01	Social Information Spaces (Undergraduate Studio) dmedia.ucsc.edu/fdm171d/Winter2007/
F06	HISC 299A-14	Directed Reading (Graduate)
S06	DANM 297-02	Graduate Independent Study
	DANM 299-03	Thesis Research (Graduate Independent Study)
	DANM 299-04	Thesis Research (Graduate Independent Study)
	DANM 299-11	Thesis Research (Graduate Independent Study)
	DANM 299-13	Thesis Research (Graduate Independent Study)
	DANM 299-15	Thesis Research (Graduate Independent Study)
	DANM 299-20	Thesis Research (Graduate Independent Study)

	FDM 199-05A	Tutorial (Undergraduate Independent Study)
W06	DANM 250C-01	Social Computing Project Group (Graduate Studio) hybrid.ucsc.edu/SocialComputingLab/
	DANM 297-06	Independent Study
	FDM 20C-01	Introduction to Digital Media (Undergraduate Lecture Course) dmedia.ucsc.edu/FDM20c/Winter2006/
	FDM 171D-01	Social Information Spaces (Undergraduate Studio) dmedia.ucsc.edu/fdm171d/Winter2006/
F05	DANM 250B-01	Social Computing Project Group (Graduate Studio) hybrid.ucsc.edu/SocialComputingLab/
S05	DANM 250A-02	Social Computing Project Group (Graduate Studio) hybrid.ucsc.edu/SocialComputingLab/
	FDM 194G-01	New(s) Media (Senior Seminar) dmedia.ucsc.edu/fdm194g/Spring2005/
W05	FDM 20C-01	Introduction to Digital Media (Undergraduate Lecture Course) dmedia.ucsc.edu/FDM20c/Winter2005/
	FDM 171D-01	Social Information Spaces (Undergraduate Studio) dmedia.ucsc.edu/fdm171d/Winter2005/
	FDM 199-06	2 x Tutorial (Undergraduate)
	DANM 297-06	Independent Study (Graduate)
F04		on leave (at Columbia University)
Summer04	FDM 198-13A	Independent Field Study (Undergraduate)
S04	FDM 20C-01	Introduction to Digital Media (Undergraduate Lecture Course) dmedia.ucsc.edu/FDM20c/Spring2004/
	FDM 297-01	Independent Study (Graduate)
W04	FDM 194G-01	New(s) Media (Senior Seminar) dmedia.ucsc.edu/fdm194g/Winter2004/index.html
	FDM 171D-01	Social Information Spaces (Undergraduate Studio) dmedia.ucsc.edu/fdm171d/Winter2004/
	FDM 199-06	Tutorial (Undergraduate)
	HISC 295A-13	Directed Reading (Graduate)
F03	FDM 170A-01	Fundamentals of Digital Media Production (Undergraduate Studio) dmedia.ucsc.edu/fdm170a/Fall2003/

S03	FDM 20C-01	Introduction to Digital Media (Undergraduate Lecture Course) artstream.ucsc.edu/film20c/Spring2003/
	FDM 197-01	Senior Digital Media Workshop (Undergraduate Studio) artstream.ucsc.edu/film197/
W03	FDM 170A-01	Fundamentals of Digital Media Production (Undergraduate Studio) artstream.ucsc.edu/film170a/Winter2003/
F02		on leave (at Princeton University)

University of California, Berkeley (UCB)

semester S02	UCB-ISI 290-1	New(s) Media (Graduate Studio/Seminar) www.sims.berkeley.edu/courses/is290-1/s02/
	UCB-ISI 298	3 x Directed Group Study (Graduate)
	UCB-ISI 299	Individual Study (Graduate)
	UCB-ISI 602	Individual Study for PhD Students
semester F01	UCB-ISI 296A	Social Information Spaces (Graduate Studio/Seminar) www.sims.berkeley.edu/courses/is296a-2/f01/
	UCB-ISI 202	Information Organization and Retrieval (with Ray Larson; Graduate Lecture Course) www.sims.berkeley.edu/courses/is202/f01/
	UCB-ISI 602	Individual Study for PhD Students
semester S01	UCB-ISI 290-1	Computer-Mediated Communication (Graduate Seminar) www.sims.berkeley.edu/courses/is290-1/s01/
	UCB-ISI 299	Individual Study (Graduate)
semester F00	UCB-ISI 206	Distributed Computing Applications and Infrastructure (with Doug Tygar; Graduate Lecture Course) www.sims.berkeley.edu/courses/is206/f00/ uid=al; password=gore

Massachusetts Institute of Technology (MIT)

semester F95		Ethical Media Art (with Krzysztof Wodiczko; Undergraduate Seminar/Studio) xenia.media.mit.edu/~wsack/ethical-media-art.html
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Advising

PhD adviser or co-adviser

- 2015-present Brian Rogers, Film & Digital Media Department, UC Santa Cruz
- 2014-2015 Francesca Romeo, Film & Digital Media Department, UC Santa Cruz
- 2013-present Fabiola Hanna, Film & Digital Media Department, UC Santa Cruz
- 2013-2016 Dr. Elaine Gan, Film & Digital Media Department, UC Santa Cruz
committee members: Karen Barad (UCSC), Margaret Morse (UCSC), Anna Tsing (UCSC)
current position: post-doctoral scholar for Aarhus University (Denmark) Research on the Anthropocene (AURA) <http://anthropocene.au.dk/>
- 2011-present Karl Mendonca, Film & Digital Media Department, UC Santa Cruz
- 2008-2013 Mark Deckert, Computer Science Department, UC Santa Cruz
- 2005-2009 Dr. Lindsay Kelley, History of Consciousness Department, UC Santa Cruz
committee members: Donna Haraway (UCSC), co-adviser; and, Margaret Morse (UCSC)
current position: Lecturer, College of Fine Arts, University of New South Wales, Sydney, Australia
- 2001-2003 Dr. Nicolas Ducheneaut, "The reproduction of Open Source Software programming communities," School of Information, UC Berkeley (May 2003)
committee members: Peter Lyman (UCB), co-adviser; Annalee Saxenian (UCB); John Canny (UCB); and, Victoria Bellotti (Xerox PARC)
current position: Co-Founder and Technical Lead, Quantic Foundry
previous positions: Principal Scientist, Xerox PARC; Director of Gamer Behavior Research, Ubisoft

PhD committee

- 2016-present Lindsay Weinberg, History of Consciousness Department, UC Santa Cruz with Professors Bob Meister, Carla Freccero and Mark Andrejevic (Pomona)
- 2016 Dr. François Huguet, Département de Sciences Économiques et Sociales, École Doctorale 130 (ED Informatique, Télécommunication et Électronique de Paris), Télécom ParisTech, France (with Professors Jérôme Denis (Mines ParisTech), Annie Gentès (Télécom ParisTech), Hervé Le Crosnier (Université de Caen), Sophie Pène (Université Paris Descartes), Valérie Peugeot (Orange Labs), Serge Proulx (Université du Québec à Montréal))
- 2014-2015 Dr. Sophie Bargues Rollins, Literature Department, UC Santa Cruz (with Professors Richard Terdiman, Vilashini Cooppan, and Carla Freccero)
- 2013-2014 Dr. Dominique Cunin, Esthétique, Sciences et Technologies des arts, École Doctorale, Université Paris 8 Vincennes à Saint-Denis, France (*pré-rapporteur*); and, committee member with professors Jean-Louis Boissier (U. Paris 8), Masaki Fujihata (Keio U., Japan), Sally Jane Norman (U. of Sussex, UK)
- 2008-2010 Dr. Meredith Hoy, Department of Rhetoric and Film Studies, UC Berkeley (with Professors Whitney Davis, Jeffrey Skoller, Kristen Whissel, Abigail De Kosnik (UC Berkeley))

current position: Assistant Professor, School of Art, Arizona State University

- 2004-2006 Narayan Nayar, Literature Department, UC Santa Cruz (with Professors Tyrus Miller, Richard Terdiman, David Hoy and Thomas Vogler)
- 2005-2006 Dr. Hugo Liu, "Computing Point-of-View," Media Arts and Sciences Program, MIT Media Laboratory, School of Architecture, Massachusetts Institute of Technology (May 2006) (with Professors Pattie Maes and William J. Mitchell (MIT))
- 2001-2002 Dr. Benjamin Gross, visiting scholar at School of Information, UCB and doctoral candidate at the Graduate School of Library and Information Science (GSLIS) at the University of Illinois Urbana-Champaign (UIUC) (with Professors Les Gasser (UIUC), Geoffrey Bowker (UCSD))

PhD qualifying examination committee

- 2016 Dylan Lederle-Ensign, Computer Science Department, UC Santa Cruz (with Professors Jim Whitehead, Noah Wardrip-Fruin and Michael Mateas)
- Lindsay Weinberg, History of Consciousness Department, UC Santa Cruz (with Professors Bob Meister, Carla Freccero and Mark Andrejevic (Pomona))
- 2014 Fabiola Hanna, Film & Digital Media Department, UC Santa Cruz (with Professors Jennifer Gonzalez, Rick Prelinger, and Shelley Stamp)
- Karl Mendonca, Film & Digital Media Department, UC Santa Cruz (with Professors Anjali Arondekar, Soraya Murray, and Shelley Stamp)
- Elaine Gan, Film & Digital Media Department, UC Santa Cruz (with Professors Karen Barad, Shelley Stamp, and Anna Tsing)
- Evan Buswell, Cultural Studies, UC Davis (with Professors Joshua Clover, Joseph Dumit, Neil Larsen, and Colin Milburn)
- Ksenia Fedorova, Cultural Studies, UC Davis (with Professors Christina Cogdell, Joseph Dumit, Colin Milburn, and Kriss Ravetto)
- 2012 Sherol Chen, Computer Science Department, UC Santa Cruz (with Professors Michael Mateas, Noah Wardrip-Fruin, and Arnav Jhala)
- 2009 Mark Deckert, Computer Science Department, UC Santa Cruz (with Professors Daniel Friedman, Michael Mateas, Noah Wardrip-Fruin)
- 2005 Lindsay Kelley, History of Consciousness Department, UC Santa Cruz (with Professors Donna Haraway, Gary Lease, Margaret Morse)
- 2004 Narayan Nayar, Literature Department, UC Santa Cruz (with Professors Tyrus Miller, Richard Terdiman, David Hoy and Thomas Vogler)
- 2002 James Lin, Computer Science Division, UC Berkeley (with Professors James Landay, Jennifer Mankoff and John Canny)
- 2001 Nicolas Ducheneaut, School of Information, UC Berkeley (with Professors Peter Lyman and John Canny, and Victoria Bellotti (PARC))

Adam Janin, Computer Science Division, UC Berkeley (with Research Scientist Nelson Morgan (International Computer Science Institute (ICSI), Berkeley), and Professors Jerry Feldman, and Katherine Yelick)

Mark Bartlett, History of Consciousness Department, UC Santa Cruz (with Professors Donna Haraway, David Hoy, and Mark Franko)

PhD second year / MA review committee

- 2016 Frédéric Valentin, Département de Sciences Économiques et Sociales, École Doctorale 130 (ED Informatique, Télécommunication et Électronique de Paris), Télécom ParisTech, France (with Professor Annie Gentès (Télécom ParisTech)) *soutenance de mi-parcours*
- Daniel Rudin, Film & Digital Media Department, UC Santa Cruz (with Professors Sharon Daniel, and LS Kim)
- 2015 Francesca Romeo, Film & Digital Media Department, UC Santa Cruz (with Professors Shelley Stamp, and LS Kim)
- 2012 Karl Mendonca, Film & Digital Media Department, UC Santa Cruz (with Professors Soraya Murray and Irene Gustafson)

Master's thesis chair

- 2016-2017 Marguerite Kalhor, Digital Arts & New Media MFA Program, UC Santa Cruz
- 2015-2016 Hope Hutman, Steven Trimmer, Digital Arts & New Media MFA Program, UC Santa Cruz
- 2014-2015 Sean McGowen, Nathan Ober, Joel Horne, Digital Arts & New Media MFA Program, UC Santa Cruz
- 2011-2012 Emily Martinez, Jesse Fulton, Digital Arts & New Media MFA Program, UC Santa Cruz
- 2010-2011 Elaine Gan, Fabiola Hanna, Digital Arts & New Media MFA Program, UC Santa Cruz
- 2009-2010 Nik Hanselmann, Nick Lally, Digital Arts & New Media MFA Program, UC Santa Cruz
- 2008-2009 Laila Shereen Sakr, Roopesh Sitharan, Josh McVeigh-Schultz, Troy Allman, Digital Arts & New Media MFA Program, UC Santa Cruz
- 2006-2007 Tyler Freeman, Digital Arts & New Media MFA Program, UC Santa Cruz
- 2006 Sumit Agarwal, Digital Arts & New Media MFA Program, UC Santa Cruz
- 2005-2006 Michael Dale, Alana Perlin, Abram "Aphid" Stern, Digital Arts & New Media MFA Program, UC Santa Cruz

Master's project director

- 2002 Marie-Louise Cremer, Dhea Maloney, Mary Thomson: "Mnemosyne", School of Information, UC Berkeley
- James Reffell, Moryma Aydelott, Jean-Anne Fitzpatrick: "Breaking Story," School of Information, UC Berkeley
- Craig Rixford, Mahad Ibrahim, Michael Kim: "Street Stories," School of Information, UC Berkeley
- (co-director) Dilan Mahendran, "Serpents & Primitives: An ethnographic excursion into an Open Source community," School of Information, UC Berkeley
- (co-director) Pei-Yun "Sabrina" Hsueh, "CoBrowse," School of Information, UC Berkeley
- 2001 Michael Gebbie and Yonghui Zhang, School of Information, UC Berkeley; title: "Competitors+: A low-cost, special-purpose search engine," School of Information, UC Berkeley; recipients of the award for best 2001 master's project at the School of Information.

Master's thesis committee

- 2015-2016 Adrian Phillips, Digital Arts & New Media MFA Program, UC Santa Cruz
- 2013-2014 Harris Kornstein, Digital Arts & New Media MFA Program, UC Santa Cruz
- 2012-2013 Daniel Heller, Digital Arts & New Media MFA Program, UC Santa Cruz
- 2008-2009 Laura Cassidy Rogers, History & Theory of Contemporary Art MA, School of Interdisciplinary Studies, San Francisco Art Institute (with Professors Jeannene Przyblyski and Krista Geneviève Lynes)
- G. Craig Hobbs, Digital Arts & New Media MFA Program, UC Santa Cruz
- 2007-2008 Will Justice, Digital Arts & New Media MFA Program, UC Santa Cruz (with Professors Jennifer Gonzalez and David Crane)
- Andres Rojas, Digital Arts & New Media MFA Program, UC Santa Cruz (with Professors Paul Lubeck and David Crane)
- 2007-2008 Bradley Allen, Social Documentation MA Program, Community Studies Department, UC Santa Cruz (with Professors Ruby Rich, Renee Tajima-Pena and David Wellman)
- 2006-2008 Nichole Smith, Digital Arts & New Media MFA Program, UC Santa Cruz (with Professors Ralph Abraham and David Crane)
- 2006-2007 Terje A. Sanner, Institute of Informatics, University of Oslo, Oslo, Norway (external advisor)
- 2005-2006 Aaron Koblin, Design | Media Arts MFA Program, Design | Media Arts Department, School of Arts and Architecture, UC Los Angeles (with Professors Casey Reas and Erkki Huhtamo)

Michella Rivera-Gravage, Digital Arts & New Media MFA Program, UC Santa Cruz (with Professors Donna Haraway, Sharon Daniel, David Crane (UCSC))

2001 Cameron Marlow, MIT Media Laboratory, "A Language-Based Approach to Categorical Analysis" (with Director Walter Bender (MIT) and Professor Brian Smith (MIT)) (May 2001)

Faculty adviser

2000-present Faculty advisor for undergraduate and graduate students, visiting scholars and research staff including Benjamin Gross, UCB visiting scholar from University of Illinois, Urbana-Champaign (2001-2002); Noah Wardrip-Fruin, visiting scholar from Brown University (2004); Seema Morjani, UCB undergraduate research assistant (2001-2002); Arlo Faria, UCB undergraduate research assistant (2001); Matthew Waxman, UCSC undergraduate research assistant (2004-2005); Michael Dale, UCSC undergraduate and graduate student research assistant (2004-2006) and research associate (2007-2009); Mary Weaver, UCSC graduate research assistant (2004-2005); Jo Ann Sison, UCSC post-doctoral fellow (2005-2007); Abram "Aphid" Stern, Research Associate (2007-2012) and graduate student research assistant (winter 2015); Mark Deckert, graduate student research assistant (2008-2012); Laila Shereen Sakr (2008-2009) graduate student research assistant; Nik Hanselmann, graduate student research assistant (2009-2010); Nick Lally, graduate student research assistant (2009-2010); Robert DeArmond, UCSC undergraduate student research assistant (2008-2010); Jesse Fulton, graduate student research assistant (2011); Fabiola Hanna, graduate research assistant (2012-2013 & spring 2015 & spring 2016); Francesca Romeo, first-year PhD student (2013-2014); Cédric Mivielle, visiting doctoral student from Télécom ParisTech (spring 2014)

2005-2006 Undergraduate independent major advisor for Toby Brock (Digital Art) and Matthew Waxman (Theory and History of Architecture)

2000-2002 Faculty advisor for first-year graduate students, School of Information Management and System, UC Berkeley

1995-1996 Co-advisor for twelve first-year undergraduates, MIT (with Professor Krzysztof Wodiczko)

Invited Studio Reviews and Course Lectures

Winter 2017 Invited presenter, History of Art & Visual Culture Graduate Grant Writing Seminar, UC Santa Cruz, February 25, 2016, Stephanie Moore

Fall 2016 Invited lecturer, Master 2 Recherche Design, Arts, Médias, Université Paris I, Panthéon Sorbonne, 15 December 2016, Professor Annie Gentes

Spring 2016 Invited presenter, History of Art & Visual Culture Graduate Grant Writing Seminar, UC Santa Cruz, May 25, 2016, Professor Maria Evangelatou

Spring 2015 Invited presenter, Arts & Humanities Grants & Fellowships Workshop for Graduate Students, Arts Division and the Institute for Humanities Research, UC Santa Cruz, May 15, 2015, Associate Director Irena Polic and Research Grants Coordinator Stephanie Moore

Fall 2014 Invited instructor, "Introduction to JavaScript Programming," Digital Arts & New Media Program *Technical Orientation*, UC Santa Cruz, September 18, 2014, Technical Coordinator

Kristin Erickson

- Fall 2013 Invited speaker, "Mutual Recursion: What happens When Politics Becomes Code?," *Information Access Seminar*, UC Berkeley, School of Information, September 13, 2013, Professors Michael Buckland and Clifford Lynch
- Invited instructor, "Introduction to JavaScript Programming," Digital Arts & New Media Program *Technical Orientation*, UC Santa Cruz, September 11, 2013, Technical Coordinator Kristin Erickson
- Spring 2013 Invited presenter, "Software," *Atelier d'écriture pour les doctorants* (Writing Workshop for PhD students), Sciences Po, 23 April 2013, Professor Bruno Latour
- Invited presenter, "Computational Arts," *PhD Master Class / Seminar*, Goldsmiths College, University of London, 12 March 2013, Professors Matthew Fuller & Noortje Marres
- Spring 2012 Invited presenter, "Open Source Creativity," *Graduate Student Leadership Certificate Program*, Division of Graduate Studies, UCSC, 18 May 2012, Vice Provost and Dean of Graduate Studies Tyrus Miller and Assistant Dean Jim Moore
- Invited presenter, "Agonistic Democracy and Relational Aesthetics," *Dialogues and Questions: Writing About Performance, Creative Work, and Social Practice*, Digital Arts & New Media MFA Program, UCSC, 25 April 2012, Professor Benjamin Carson
- Fall 2011 Invited presenter, "Network Aesthetics," *Genealogies of the Experimental*, Graduate Seminar, Experimental and Documentary Arts MFA Program, Duke University, 10 November 2011, Professor Tim Lenoir
- Invited presenter, "Narrative Intelligence," *Introduction to Graduate Studies*, Graduate Seminar, PhD Program, Film & Digital Media Department, UC Santa Cruz, 5 October 2011, Professor Shelley Stamp
- Invited instructor, "Introduction to JavaScript Programming," Digital Arts & New Media Program *Technical Orientation*, UC Santa Cruz, September 9, 2011, Technical Coordinator Lyle Troxell
- Summer 2011 Faculty participant, Dissertation Workshop, Fifth Annual California Science Technology and Society Summer Camp, Marin Headlands, 17 June 2011, Professor Joseph Dumit (UC Davis)
- Fall 2010 Invited presenter, "A JavaScript-Based HTN Planner," Expressive Intelligence Studio, Computer Science Department, School of Engineering, UCSC, 6 December 2010, Professors Noah Wardrip-Fruin and Michael Mateas
- Invited presenter, "New Rhetorics," *Introduction to Graduate Studies*, Graduate Seminar, PhD Program, Film & Digital Media Department, 4 November 2010, Professor Peter Limbrick
- Invited instructor, "Introduction to JavaScript Programming," Digital Arts & New Media *Technical Orientation Workshop*, UC Santa Cruz, September 10, 2011, Technical Coordinator Lyle Troxell
- Spring 2010 Guest discussant, *Mobile City Chronicles*, Graduate Seminar, Departments of Art Practice and Anthropology, UC Berkeley, 11 March 2010, Professors James Holston and Greg Niemeyer

- Spring 2008 Guest Lecturer, *Technology Targeted at Social Issues*, Undergraduate Lecture, Computer Science Department, School of Engineering, UCSC, 28 May 2008, Professor James Davis
- Guest Presenter, UC Santa Cruz Leadership Academy (for UCSC faculty, staff and administrators), "Innovations in Teaching, Research and Public Service," UCSC Silicon Valley Center, NASA Ames Research Center, 9 April 2008, Professor and Vice Provost for Academic Affairs Alison Galloway
- Fall 2007 Guest Presenter and Invited Critic, Graduate School of Architecture, Preservation and Planning, Columbia University, Advanced Design Studio, 2 November & 9 November & 7 December 2007, Professor Mabel O. Wilson
- Spring 2007 Faculty address, Graduation Ceremony, Porter College, UC Santa Cruz, June 16, 2007, Provost David Evan Jones
- Invited presenter, *Global Information Internship Program*, Sociology Department, UC Santa Cruz, June 5, 2007, Professor Paul Lubeck
- Invited presenter, Graduate School of Interdisciplinary Information Studies, University of Tokyo, Tokyo, Japan, April 24, 2007, Dean Shunya Yoshimi and Professor Shin Mizukoshi
- Spring 2005 Chair and discussant for graduate panel, "Discursive spaces," *The 7th annual Globalization Conference: Mapping Global Landscapes: Emerging Spaces and Subjectivities*, Department of Sociology, University of Chicago, Chicago, IL, Professor Saskia Sassen
- Winter 2005 Guest Lecturer, *Introduction to Production*, Undergraduate Lecture, Film & Digital Media Department, University of California, Santa Cruz, CA, Professor Irene Gustafson
- Fall 2004 Guest Lecturer, *Introduction to Digital Media*, Undergraduate Lecture, Department of Modern Culture and Media, Brown University, Providence, RI, Professor Wendy Hui Kyong Chun
- Invited Critic, MFA Program, Department of Digital Media, Rhode Island School of Design (RISD), Providence, RI, Professor Bill Seaman
- Guest Lecturer, *Organizations and Interactive Technologies*, Graduate Seminar, Department of Sociology, Columbia University, New York, NY, Professor David Stark
- Spring 2004 Invited Critic, *Digital Media Design Studio*, Graduate Course, School of Information, UC Berkeley, Professor Marc Davis
- Guest Lecturer, *Introduction to Production*, Undergraduate Lecture, Film & Digital Media Department, University of California, Santa Cruz, CA, Professor Chip Lord
- Winter 2004 Guest Lecturer/Invited Critic, *Graduate Studio in Digital Art*, Staatliche Hochschule für Gestaltung im Zentrum für Kunst und Medientechnologie (ZKM), Karlsruhe, Germany, Professor Michael Saup
- Fall 2003 Guest Lecturer, *Description de controverses et stage d'exécution*, Ecole des Mines de Paris (ENSMP), Professor Bruno Latour
- Spring 2003 Invited Critic, *Multimedia Information Systems*, Graduate Course, School of Information, UC Berkeley, Professor Marc Davis

- Fall 2002 Invited Reviewer (midterm and final reviews), *Topics in Architecture and Information*, Graduate Studio, School of Architecture, Princeton University, Professor Laura Kurgan
- Spring 2002 Invited Reviewer, *Experience and Interface Design for Engineers*, Undergraduate Course, Department of IEOR, UC Berkeley, Professor Ken Goldberg
- Fall 2001 Invited Reviewer, *Computer Graphics and Animation*, Undergraduate Studio, Department of Art Practice, UC Berkeley, Professor Greg Niemeyer
- Spring 2000 Invited Critic, *Interrogative Design Studio*, Graduate Studio, MIT Center for Advanced Visual Studies, Professor Krzysztof Wodiczko and Professor Edith Ackermann
- Winter 2000 Juror, *M.Arch. Thesis Reviews*, Southern California Institute of Architecture (Sci-Arc), Professor Tarek Naga (coordinator) and Professor Karl S. Chu
- Fall 2000 Guest Lecturer, "Building Codes: How are Online Conversations Designed?," *Seminar on Information Access*, UC Berkeley, School of Information, September 15, 2000, Michael Buckland and Clifford Lynch.
- Guest Lecturer, *Seminar on Information Visualization*, UC Berkeley, School of Information, October, 3, 2000, Marti Hearst.
- Spring 2000 Guest Lecturer, *Seminar on Information Visualization*, Department of Computer Science, Harvard University, February 23, 2000, Marti Hearst
- Fall 1999 Invited Critic, *Advanced Design Studio*, Graduate Studio, Graduate School of Architecture, Planning, and Preservation, Columbia University, Professor Karl S. Chu
- Invited Critic, *Interrogative Design Studio*, Graduate Studio, MIT Center for Advanced Visual Studies, Professor Krzysztof Wodiczko and Professor Edith Ackermann
- Invited Presenter, *Tangible Media and Information Environments*, Graduate Studio, Yale University, Department of Architecture, Professors Natalie Jeremijenko and Sawad Brooks
- Guest Lecturer, *Introduction to Media Studies*, Graduate and Undergraduate Course, MIT Comparative Media Studies Program, Professor Henry Jenkins
- Invited Presenter and Critic, *Computer Seminar: Re-Representing the Object*, Graduate Studio, Rhode Island School of Design (RISD), Department of Architecture, Professor Sung Ho Kim
- Spring 1999 Invited Critic, *Interrogative Design Studio*, Graduate Studio, MIT Center for Advanced Visual Studies, Professors Krzysztof Wodiczko and Edith Ackermann
- Invited Critic, *Graduate and Undergraduate Projects*, Digital Media Center for the Arts, Yale University, Professors Natalie Jeremijenko and Carol Scully
- Fall 1998 Guest Lecturer, *Media History and Theory*, Undergraduate Course, University of California, Santa Cruz, Department of Art History, Professor Catherine Soussloff
- Fall 1997 Invited Presenter, *Computer Art*, Undergraduate Studio, University of California, Santa Cruz, Department of Art, Professor Sharon Daniel
- Spring 1997 Invited Critic, *Nomadic Design Studio*, Graduate Studio, MIT Department of Architecture,

Professor Krzysztof Wodiczko and Professor Wellington Reiter

Spring 1996 Invited Critic, *Architectural Design Studio*, Undergraduate Studio, MIT Department of Architecture, Professor Wellington Reiter

Invited Critic, *Interrogative Design Workshop*, Graduate Workshop, MIT Center for Advanced Visual Studies, Professor Krzysztof Wodiczko

Fall 1995 Invited Critic, *Tactical Design Workshop*, Graduate Workshop, MIT Center for Advanced Visual Studies, Professor Krzysztof Wodiczko

SERVICE

DEPARTMENT

- 2017 PhD program admissions committee
Film & Digital Media Department, UC Santa Cruz
- 2016-2017 Faculty search committee member
Computational Media Department, UC Santa Cruz
- 2016 Committee Chair for review of Digital Media Production and Critical Studies Lecturer Pool
Film & Digital Media Department, UC Santa Cruz
- 2014-2016 PhD program proposal committee
Computational Media Department, UC Santa Cruz
- 2014-2015 Faculty search committee member
Computational Media Department, UC Santa Cruz
- 2009-2010 Director of Graduate Studies
Film & Digital Media Department, UC Santa Cruz
- 2009-present Personnel Reviews
Film & Digital Media Department, UC Santa Cruz
- 2008-2009 Undergraduate Honors Committee
(This committee administers the Florence French Foundation Fellowships, the Porter College Fellowships, and honors in the major.)
Film & Digital Media Department, UC Santa Cruz
- 2005-2009 Lower Division (20-level) Course and Pedagogy Committee
Film & Digital Media Department, UC Santa Cruz
- 2005-2007 Professional school (School of Public Media) proposal committee
Film & Digital Media Department, UC Santa Cruz
- 2005-2006 Undergraduate Digital Arts Curriculum/Course Coordination Committee
Film & Digital Media Department (and the Art Department), UC Santa Cruz
- 2003-2007 Member of the Committee on Computer Laboratory Design,
Film & Digital Media Department, UC Santa Cruz
- 2005-2006 Undergraduate Honors Committee
Film & Digital Media Department, UC Santa Cruz
- 2002-2003 Search Committee member for Digital Media Specialist (staff)
Film & Digital Media Department, UC Santa Cruz

DIVISION

- spring 2016 Member of the ad hoc committee for voting on divisional faculty appointments; committee members appointed by the Dean of the Arts; two tenure-track faculty appointments made
- spring 2015 Contributing author to the self study for the Digital Arts & New Media MFA Program

spring 2014 Interim Divisional Advisor for Personnel Actions (faculty)

2011 Search Committee member for Grants Coordinator (staff position)
Arts Division, UC Santa Cruz

2011 Member of the Dean of the Arts Division Curriculum Coordination Committee

spring 2014 Director, Digital Arts & New Media MFA Program
& 2010-2012 Arts Division and the School of Engineering, UC Santa Cruz

2002-present Faculty member, Digital Arts & New Media MFA Program
Arts Division and the School of Engineering, UC Santa Cruz
<http://danm.ucsc.edu/>

2005-2012 Member of the Executive Committee, Digital Arts & New Media Program
Division of the Arts and School of Engineering, UC Santa Cruz

2004-2012 Member of the MFA Admissions Committee, Digital Arts & New Media Program
Division of the Arts and School of Engineering, UC Santa Cruz

2009 Search Committee member for Electronic Art Faculty
Art Department, UC Santa Cruz

2005-2006 Member of the Services Engineering Research Group
School of Engineering, UC Santa Cruz

2005-2006 Member of the technical equipment budgeting and allocation advisory committee
Digital Arts & New Media Program
Division of the Arts and School of Engineering, UC Santa Cruz

2004-2005 Member architecture/building committee for Digital Arts & New Media Program
Division of the Arts and School of Engineering, UC Santa Cruz

2005 Digital arts festival subcommittee for Digital Arts & New Media Program
Division of the Arts and School of Engineering, UC Santa Cruz

2002 Master's of Information Management and Systems Curriculum Review Committee
School of Information, UC Berkeley

2001-2002 Supporting member of the PhD admissions committee
School of Information, UC Berkeley

ACADEMIC SENATE

2013-2014 Committee on Academic Personnel
UC Santa Cruz
250 faculty personnel cases reviewed (including promotion, tenure, appointment, and retention cases)

2009-2010 Committee on Planning and Budget
UC Santa Cruz
campus annual budget: ~\$0.5 billion

2003-2004 Committee on Communication and Information Technology
UC Santa Cruz

OTHER UNIVERSITY SERVICE

2016 Search committee member for the Assistant Director of the Science & Justice Research Center (staff position)

2015 Search committee member for Director, Center for Cultural Studies, Humanities Division, UC Santa Cruz

2014-2015 Search committee member for the Assistant Director of the Science & Justice Research Center (staff position)

2013-present Advisory Board, Center for Cultural Studies, Humanities Division, UC Santa Cruz

2012-present Advisory Board, Center for Force Majeure Studies (Helen & Newton Harrison, Directors)

2012-present Advisory Board, Science & Justice Research Center (Jenny Reardon, Director)

2011-2013 Associate Director, CITRIS Data and Democracy Initiative (Ken Goldberg, Director)

2011-2012 Search committee member for the Executive Director of the CITRIS Data and Democracy Initiative (staff position)

2010-present faculty member, Center for Information Technology Research in the Interest of Society CITRIS, UC Berkeley, Davis, Merced, and Santa Cruz

2010-present Digital Humanities Research Cluster, Institute for Humanities Research, UC Santa Cruz

2010-present Organizing Committee, Graduate Designated Emphasis in Human-Centered Interface Design, Arts Division, Social Sciences Division, and School of Engineering

2009-2010 Chancellor's Miscellaneous and Course Material Fee Advisory Committee
UC Santa Cruz

2009 UCSC Leadership Academy (Professional Development)

2008-present Core Faculty, Global Information and Social Enterprise Studies Minor
Sociology Department, UC Santa Cruz

2006-present Affiliated Faculty, Computer Game Engineering Major
Computer Science Department, UC Santa Cruz

2005-present Affiliated Faculty, Center for the Study of Pacific War Memories,
Humanities Division, UC Santa Cruz

2005-present Affiliated Faculty, PhD Program
History of Art and Visual Culture Department, UC Santa Cruz

2005-present Advisory Committee, UC Transliterations Project
University of California, Multi-Campus Research Group
<http://transliterations.english.ucsb.edu/category/research-project/>

- 2003-2009 Executive Committee, UC Digital Arts Research Network (UCDARNet)
University of California, Multi-Campus Research Group
<http://ucdarnet.org/>
- 2004-2006 Advisory Board, Center for Cultural Studies, Humanities Division, UC Santa Cruz
<http://humwww.ucsc.edu/CultStudies/>
- 2003-2005 Co-organizer, Hybrid Media Research Cluster, Center for Cultural Studies, UC Santa Cruz
- 2001-2005 Faculty member, Digital Cultures Project
University of California, Multi-Campus Research Unit
<http://dc-mrg.english.ucsb.edu/>
- 2001-2002 Founder and director of the Social Technologies Research Group,
School of Information, UC Berkeley
<http://www.sims.berkeley.edu/research/projects/socialtech/>
- 2001-2002 Organizing Committee, Berkeley Institute of Design (BID)
UC Berkeley
<http://bid.berkeley.edu/>
- 2002 Organizing Committee, New Media Working Group,
now the Center for New Media, UC Berkeley
<http://cnm.berkeley.edu/>
- 2001 Author and organizer of the proposal "Response to Tidal Wave II: Proposal to the Vice
Provost, Phase II: New Programs: Media Arts and Sciences Program"
UC Berkeley

REVIEWS AND JURIES

- 2016-present Scientific Advisory Board (Comité scientifique), *Études Digitales*, a French-language journal of digital studies, <http://etudes-digitales.fr/> (Éditions Classiques Garnier)
- 2016 Reviewer for promotion to Professor, School of Media Studies, New School for Public Engagement, The New School, New York, NY
- Book reviewer for Routledge Research Series on Media and Cultural Studies (Routledge and the Taylor & Francis Group)
- Reviewer for *Amodern*, a peer-reviewed, open-access scholarly journal devoted to the study of media, culture, and poetics (<http://amodern.net/>)
- Member of the steering committee, Computer Art Congress, October 26-28, 2016, Paris, France
- Book reviewer for *New Media, Game Studies, Digital Humanities, Human-Computer Interaction* (MIT Press)
- Proposal reviewer for the Paris Institute for Advanced Study (Institut d'études avancées de Paris)
- Proposal reviewer for the German Research Foundation (Deutschen Forschungsgemeinschaft)
- 2015 Proposal reviewer for the Mellon Foundation/Fondation maison des sciences de l'homme (FMSH) Transatlantic Program for Collaborative Work in the Field of Digital Humanities
- Book reviewer for *New Media and Technology* (Bloomsbury Academic Publishing)
- Proposal reviewer for the French National Research Agency (Agence Nationale de la Recherche (ANR))
- 2013 External reviewer for appointment to Professor, Department of Media Studies, New School for Public Engagement, The New School, New York, NY
- External assessor for faculty promotion from Reader to Professor in the School of Media, Film & Music, Sussex University (UK)
- External assessor for faculty promotion from Reader to Personal Chair (Professor) in Sociology, Lancaster University (UK)
- 2012 External assessor for faculty promotion from Senior Lecturer to Reader in Media Practice, London Metropolitan University (UK)
- Reviewer for *International Journal of Human-Computer Studies* (Elsevier)
- 2011-present Editorial Advisory Board, *Computational Culture, a Journal of Software Studies* (<http://computationalculture.net/>)
- 2011 Reviewer for *International Journal of Human-Computer Studies* (Elsevier)
- Proposal review for the Richard and Mary Gray Center for Arts and Inquiry, University of

Chicago

Tenure review for the Modern Culture and Media Department, Brown University, Providence, RI

Proposal Reviewer for the National Science Foundation, Directorate for Computer and Information Science and Engineering

Reviewer for *Leonardo: Journal of Electronic Art and Culture* (MIT Press)

Reviewer for *FDG 2011, the International Conference on the Foundations of Digital Games*, June 28 – July 1, 2011, Bordeaux, France

Book Reviewer for *Science, Technology & Society*; and, *Information Science* (MIT Press)

2010 Reviewer for *CHI 2011: 29th ACM Conference on Human Factors in Computing Systems*, May 7-12, 2011, Vancouver BC

Proposal Reviewer for the National Institutes of Health (NIH), Human Genome Research Institute

Book Reviewer for *New Media, Games Studies, and Design* (MIT Press)

Program Committee Member, *OD2010: Fourth International Conference on Online Deliberation*, Leeds University, Leeds, UK, June 30-July 2, 2010

2009 Proposal Juror, *International Symposium on Electronic Arts (ISEA 2010)*, Ruhr, Germany.

Proposal Reviewer for the National Science Foundation, Directorate for Computer and Information Science and Engineering, Ad-Hoc Review

Proposal Reviewer for the National Science Foundation, Directorate for Computer and Information Science and Engineering, Network Science and Engineering Program

Tenure review for the Computer Science Department, University of California, Santa Cruz

Reviewer for *Aztlán: A Journal of Chicano Studies* (UCLA Chicano Studies Research Center Press)

Reviewer for the Digital Arts and Culture (DAC) Conference, Software / Platform Studies Track, December 12-15, 2009, UC Irvine, CA.

2008 Program Committee Member, *Workshop on Media Arts, Science, and Technology*, January 29-30, 2009, UC Santa Barbara, CA.

Reviewer for the *ACM Multimedia - Interactive Arts Program*, October 27 – November 1, 2008, Vancouver, B.C., Canada.

Jury member, Edith Russ Site for Media Art, six-month work stipends, Oldenberg, Germany (<http://www.edith-russ-haus.de/index.php/Stipendien/Stipendien>)

Reviewer for *Interacting with Computers: The interdisciplinary journal of Human-Computer Interaction* (Elsevier)

- Book Reviewer for *New Media, Games Studies, and Design* (MIT Press)
- Program Committee Member, *DIAC-2008/OD2008: Directions in Advanced Computing/Online Deliberation Conference*, Theme: "Tools for Participation: Collaboration, Deliberation, and Decision Support"; June 26-29, 2008, Berkeley, CA.
- 2007
- Book Reviewer for *Computer Science and New Media* (MIT Press)
- Reviewer for the *Journal of Cultural Anthropology* (American Anthropological Association and the University of California Press)
- Reviewer for the *Journal of Computer-Mediated Communication* (International Communication Association)
- Reviewer for "Persistent Conversations Track" of the *HICSS 2008: ACM Hawai'i International Conference for the System Systems*, January 2008.
- Tenure review for the New Media Program, University of Maine, Orono
- Member of the College of Reviewers for the Canada Research Chairs Program (Social Sciences and Humanities), Government of Canada
- 2006
- Workshop member, National Science Foundation (NSF), Directorate for Computer and Information Science and Engineering, overview and discussion of new program organization at NSF: Human-Centered Computing, September 2006
- Tenure review for Department of Media Study, University at Buffalo, The State University of New York
- Tenure review for the Visual Arts Department, University of California, San Diego
- Tenure review for the Communications and New Media Programme, National University of Singapore
- Reviewer for "Persistent Conversations Track" of the *HICSS 2007: ACM Hawai'i International Conference for the System Systems*, January 2007.
- Program Committee Member, *Social Visualization Workshop*, ACM SIGCHI (Conference on Human Factors in Computing Systems), Quebec, Canada, April 2006.
- Program Committee Member, *Computational Aesthetics: Artificial Intelligence Approaches to Beauty and Happiness, Workshop*, AAAI (American Association of Artificial Intelligence), Boston, MA, July 2006.
- Proposal Juror, "Urban Experience Program," *International Symposium on Electronic Arts (ISEA 2006)*, August 2006.
- Program Committee Member for the *Fifth Annual Social Intelligence Design Workshop*, Osaka, Japan, March 2006.
- Reviewer for "Persistent Conversations Track" of the *HICSS 2006: ACM Hawai'i International Conference for the System Systems*, Honolulu, HI, January 2006.
- 2005
- Proposal Reviewer for the National Science Foundation, Directorate for Computer and

Information Science and Engineering

- 2004 Reviewer for the *Journal of Computer-Mediated Communication* (International Communication Association)
- External reference for l'Ecole des Hautes Etudes en Sciences Sociales (Paris, France) faculty promotion from the rank of maître de conférences in sociology to directeur d'études
- 2003 Proposal Reviewer for the National Science Foundation, Societal Dimensions of Engineering, Science, and Technology Program
- Reviewer for the journal of *Information Visualization* (Palgrave Publishers)
- Reviewer for "Persistent Conversations Track" of the *HICSS 2004: ACM Hawai'i International Conference for the System Systems*, Honolulu, HI, January 2004.
- Reviewer for the *InfoVis2003: IEEE Symposium on Information Visualization*, Seattle, WA, October 19-21, 2003
- Reviewer for the *International Journal of Information Technologies and International Development* (MIT Press)
- 2002 Reviewer for *SIGCHI 2003: International Conference on Computer-Human Interaction*, April 5-10, 2002, Fort Lauderdale, FL
- Reviewer for *The Internet Encyclopedia* (John Wiley and Sons)
- Reviewer for the journal of *Human-Computer Interaction* (Lawrence Erlbaum Associates)
- Proposal Reviewer for the National Science Foundation, Societal Dimensions of Engineering, Science, and Technology Program
- Book Proposal Reviewer for Computer Science and New Media (MIT Press)
- 2001 Reviewer for the journal *Information and Society* (Taylor and Francis)
- Reviewer for the journal *Sociological Perspectives* (University of California Press)
- Committee member for award of the PhD fellowship in documentation studies at the University of Tromsø (Komite for stipendiatstilling i dokumentasjonsvitenskap, Universitetet i Tromsø; reviewed theses and other materials in Norwegian).
- Reviewer for the for "Persistent Conversations Track" of *HICSS 2002: ACM Hawai'i International Conference for the System Systems*, Honolulu, HI, January 2002.
- Reviewer for *GROUP 2001: The ACM International Conference on Supporting Group Work*, Boulder, Colorado, September 30 – October 3, 2001.
- 2000 Reviewer for the journal *Information and Society* (Taylor and Francis)
- Reviewer for the journal *Discourse and Society* (Sage Publications)
- 1998 Reviewer for the *International Conference on Computers and Education* held in Beijing, China, 14-17 October 1998

- 1997 Reviewer for the *8th World Conference on Artificial Intelligence and Education: Knowledge and Media in Learning Systems* held in Kobe, Japan, 18-22 August, 1997.
- 1995 Reviewer for the *7th World Conference on Artificial Intelligence and Education* held in Washington, D.C., August 12-15, 1995.
- 1994 Program committee member for *the East-West Conference on Multimedia, Hypermedia, and Virtual Reality* held in Moscow, Russia, September 14-16, 1994.
- 1992-1997 Reviewer for the *International Journal of Artificial Intelligence in Education* (International AIED Society)

OTHER PROFESSIONAL SERVICE

- 2016 Session chair for keynote speaker, Bernard Stiegler: "There is no immateriality. The function of arts in the process of exosomatisation" at the *5th Computer Art Congress: Archiving and Questioning Materiality*, Maison des sciences de l'homme, Paris Nord, St. Denis, France, 26 October 2016
- 2015 Workshop co-organizer (with Nachum Dershowitz, Tel Aviv University), "Software and the Digital Humanities," sponsored by the Institute for Advanced Study, Paris, France, 4 November 2015
- 2014 Workshop organizer, "Software Studies @ Santa Cruz," co-sponsored by the American Council of Learned Societies, Digital Innovation Fellowship; and, the Arts Research Institute, University of California, Santa Cruz; venue: Digital Arts Research Center, UCSC, 27 June 2014
- 2013 Workshop organizer, "Software Studies in Paris," co-sponsored by the American Council of Learned Societies, Digital Innovation Fellowship; Department of Economic and Social Sciences, Télécom ParisTech; Médialab, Sciences Po; and, the Arts Research Institute, University of California, Santa Cruz; venue: Médialab, Sciences Po, Paris, France, 26 June 2013
- 2012 Workshop co-organizer with Steve Dietz, Ashley Duffalo, and Susy Bielak, *Discourse and Discord: Architecture of Agonism from the Kitchen Table to the City Street: A Public Symposium* co-presented with NorthernLights.mn," Walker Art Center, Minneapolis, MN, 12-14 April 2012
<http://www.walkerart.org/calendar/2012/discourse-and-discord-architecture-of-agonism>
- 2010 Workshop co-organizer with Dana Diminescu, Richard Rogers, and Françoise Détienne, "Digital Methods and Migration," co-sponsored by the National Science Foundation, Directorate for Computer and Information Science and Engineering, Award ID: 041635; venue: Fondation Maison des Sciences de l'Homme, Paris, France, 22-24 June 2010
 I built a website for the workshop: <http://dmmigration.ning.com/>. It can be accessed using the anonymous account reviewer.dmmparis10@gmail.com with password dmmparis10. A longer description of the workshop can be found here: <http://dmmigration.ning.com/profiles/blogs/introduction-digital-methods>. Pertinent videos can be found here: <http://dmmigration.ning.com/video>. And, the lively exchange that took place during the events can be found on the blogs (<http://dmmigration.ning.com/profiles/blog/list>) and forum (<http://dmmigration.ning.com/forum>).

- 2008-2009 Advisory Board Member, Parsons The New School for Design, New York, New York
The Center for Transformative Media
<http://ctm.parsons.edu>
- 2004-present External Faculty Affiliate, Columbia University, New York, New York
Center on Organizational Innovation
Institute for Social and Economic Research and Policy
<http://www.coi.columbia.edu/faculty.html>
- 2004-2006 Core Faculty Member, Internet & Society Idea Exchange, Berkman Center for Internet &
Society, Harvard University Law School
<http://h2o.law.harvard.edu>
- 2005 Panel chair and discussant, "E-Democracy: Prospects and Approaches" for the *Second
Conference on Online Deliberation: Design, Research, and Practice / DIAC-2005*, Stanford
University, May 20-22, 2005
<http://www.online-deliberation.net/conf2005/index.php>
- 2004 Panel co-organizer with Bruno Latour, "Caucus for the Cartography of Scientific
Controversies" for the *International 4S Conference: Social Studies of Science and Society*,
Paris, France, August 2004
<http://www.ccscgroup.org>
- Panel co-organizer with Natalie Jeremijenko and Ron Eglash, "Information Visualization" for
the *International 4S Conference: Social Studies of Science and Society*, Paris, France, August
2004
- 2002 Workshop co-organizer with Tom Erickson and Susan Herring, "Discourse Architectures:
Designing and Visualizing Computer-Mediated Conversation" for *ACM CHI 2002*,
Minneapolis, MN, April 22nd, 2002.