

# DR. ORIT HALPERN

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## EMPLOYMENT AND EDUCATION

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|---|--------------|
| <b>Concordia University</b> , Montréal, QC.<br><i>Associate Professor</i><br>Strategic Hire In Interactive Design and Theory<br>Department of Sociology and Anthropology  | 2016-Present |
| <b>The New School University</b> , New York, NY.<br><i>Assistant Professor</i><br>History Department Tenure-Track<br>Cross-Appointment: New School for Social Research and Eugene Lang College<br><i>Core Affiliate:</i> Culture and Media Studies at Eugene Lang and Design Studies Program at Parsons                                 | 2007-2015    |
| <b>Duke University</b> , Durham, NC.<br><i>Post-doctoral Fellow</i> , Franklin Humanities Institute   | 2006-2007    |
| <b>Harvard University</b> , Cambridge, MA.<br><i>Ph.D.</i> History of Science, June 2006<br><i>MA.</i> History of Science, August 2001<br><br>Dissertation: <i>Screen-Memories: Temporality, Perception, and the Archive in Cybernetic Thought</i><br>Committee: Peter Galison (chair), D.N Rodowick, Allan Brandt, and Charis Thompson | 1999-2006    |
| <b>Columbia University School of Public Health</b> , New York, NY.<br><i>MPH.</i> Master of Public Health in Socio-medical Sciences   | 1995-1997    |
| <b>Dartmouth College</b> , Hanover, NH.<br><i>BA.</i> Graduated cum laude with degree in History  | 1990-1994    |

## SELECT PUBLICATIONS: TEXT AND DIGITAL MEDIA

### Books:

Beautiful Data: A History of Vision and Reason since 1945

(Durham: Duke University Press, 2015)

### Peer Reviewed Articles:

“Golden Futures”

LIMN (forthcoming Winter 2018)

“The Smartness Mandate: Notes towards a Critique”,

Primary author Orit Halpern with Robert Mitchell, and Bernhard Geoghegan, Grey Room, Summer 2017: 106-129.

“Hopeful Resilience”,

E-Flux Architecture, *Special Issue on Accumulation*, April 19, 2017

<http://www.e-flux.com/architecture/accumulation/96421/hopeful-resilience/>

“Demoing unto Death”

Orit Halpern and Gokce Günel, Fibreculture (August 2017).

“Smartness as Instrument”

ARPA Journal, Issue 04, 2016

<http://www.arpajournal.net/instrumentsofservice/>

“Cloudy Architectures”

Continent, Issue 4.3 (2015): 34-45.

<http://continentcontinent.cc/index.php/continent/article/view/205>

“Inhuman Vision”

Media-N: Journal of the New Media Caucus, Fall 2014

“Cybernetic Rationality”

Distinktion: Scandinavian Journal of Social Theory, Vol. 15, No. 2 (2014): 1-16.

“Test Bed Urbanism”

Primary Author Orit Halpern with Jesse LeCavalier, Nerea Calvillo, and Wolfgang Pietsch

Public Culture, special issue on the *Future of the City*, Volume 25, Number 2,

Spring 2013.

“Perceptual Machines: Communication, Archiving, and Vision in Post-war American Design”

Special Issue on Documentary and Science, Journal of Visual Culture, Volume 11, issue 3, December 2012: 328-351.

“Schizophrenic Techniques: Cybernetics, the Human Sciences, and the Double Bind”

Scholar and Feminist Journal On-Line, Special Issue on Iterations of Social Difference,

Issue 10.3, Summer 2012.

URL: <http://sfoonline.barnard.edu/feminist-media-theory/schizophrenic-techniques-cybernetics-the-human-sciences-and-the-double-bind/>

“Cybernetic Sense: Warren McCulloch and Norbert Wiener’s Conception of Perception”  
Interdisciplinary Science Reviews for special issue on Warren McCulloch, Vol 37, No.2, Sept. 2012:  
218-236.

“Anagram, Gestalt, Game in Maya Deren: Reconfiguring the Image in Post-war Cinema”  
Post-Modern Culture, Volume 19, Number 3, 2009.

“Dreams for Our Perceptual Present: Archives, Interfaces, and Networks in Cybernetics”  
Configurations, 13:2, 2007: 283-320.

“Transfer of Behavioral Intervention Technology to a Sexually Transmitted Disease Clinic”  
Nancy VanDevanter Dr.PH, BarbaraCicatelli MA, Isaac Weisfuse MD.,  
Orit Halpern MPH., Mira Levinson MPH, Karen Deli MA, EdM, Alan Dunn MD,  
Journal of Public Health Practice and Management. Vol.5, Number 5, September 1999: 40-51.

“Women’s Time Allocation: Implications of Environmental Factors, Work-load and Culture  
for Health and Nutrition”  
Orit Halpern and Mira Levinson, Dr. Zeba Mahmud,  
Tufts University Nutrition Working Papers, June 1999.

“Expired nitric oxide after bronchoprovocation and repeated spirometry in  
patients with asthma”  
Deykin A. Halpern O. Massaro AF. Drazen JM. Israel E.  
American Journal of Respiratory & Critical Care Medicine, March 1998: 769-75.

## **Book Chapters, Catalogues, and Essays**

“Architecture as Machine: A Brief History of the Smart City, Design and Cybernetics”  
Archeology of the Digital: Complexity and Contradiction, Andrew Goodman, ed. Canadian Center for Architecture  
(Winter 2017).

“Demo or Die! : On Art as Software. Or the cautionary tale of how Mongolian desert gerbils changed the future of  
machine learning, known today as Artificial Intelligence”  
Tate, etc. (Fall 2016).

“The Trauma Machine: Demos, Immersive Technologies and the Politics of Simulation.”  
Chap. 3 In Alleys of Your Mind: Augmented Intelligence and Its Traumas, edited by Matteo Pasquinelli, 53-67.  
Luneberg: Meson Press, 2015.

“Nervous Networks and Serious Games: The Emergence of Neuro-Politics and  
Population in Cybernetics and Design”  
Book chapter in Image, Ethics, Technology, Sharrona Pearl, ed.  
(New York: Routledge Press 2015 )

“Forensic Methodology”  
ARPA Issue 03, July 4, 2015: <http://www.arpajournal.net/forensic-methodology/>

“A Short History of Clouds”

Catalogue Entry for exhibition *Poetics and Politics of Data*, Sabine Himmelsbasch and Claudia Marcis, ed.  
<http://www.hek.ch/en/publikationen.html>, (Basel: Christoph Merian Verlag, 2015). *This is a shorter version of the Continent article.*

“Light Infrastructures: Life, Urbanism, and Media Art”

Dooeun Choi and Orit Halpern  
Catalogue entry for *Lumières de la Ville (The City's Lights)*  
*6<sup>th</sup> Edition of the Toronto Biennale / Montreal/ Lille*, February 21 – 24, 2013  
(Montreal: University of Montreal), 2014.

“Obfuscation”

Chapter in exhibition catalogue *Speculation, Now*, Vera List Center for Art and Politics, Vyjayanthi Rao (ed), with Prem Krishnamurthy and Carin Kuoni,  
(Durham: Duke University Press), 2015.

“The Neural Network: Temporality, Rationality, and Affect in Cybernetics”

Book chapter in *The Timing of Affect*, Marie-Luise Angerer, ed. (Chicago: University of Chicago Press and Zurich: Diaphanes 2014) *This is a reprint of Distinctions article.*

“Psychedelic Vision”

Essay on Psychedelic Art and Bio-Politics  
*BioSocieties* (2013) 8, 238–242.

“Skewing the City”

Nerea Calvillo, Orit Halpern, Jesse LeCavalier, and Wolfgang Pietsch—the Milgram Group  
Essay for *The Electric City*, (London: London School of Economics, 2013).

“On Seeing Like a Machine”

Exhibition Catalogue Essay for Seoul Media-city Biennial at the Seoul Museum of Art  
*Korean and English* (Seoul: Seoul Museum of Art, September, 2012).

“Det skannande ögat. Cybernetik, seende och efterkrigsdesign”, (Cybernetics and Design) in *Swedish*

*OEI—lek, spel, lesaker*, #48-49-50 (2010):146-155.

“Historicizing Surveillance”

*Social Science Research Council Policy Papers* (Fall 2002).

## Reviews and Interviews

“Cinema/Cybernetics/Visuality: An Interview with Orit Halpern”, with Eddie Loymeyer,  
*International Journal of Communication* 10(2016), Feature 3203–3215.

“Chris Salter’s *Alien Agency*”

*Media-n*, April 11, 2015: <http://median.newmediacaus.org/?s=salter>

“*The Interface: IBM and the Transformation of Corporate Design* by John Harwood”

*IEEE Annals of the History of Computing* 35.2 (2013): 83-84.

“*The Freudian Robot* by Lydia Liu, University of Chicago Press (2011)”  
Review in *Isis* Vol. 103, No. 3 (September 2012), pp. 626-627.

“*Affective Intelligence* by Elizabeth Wilson, University of Washington Press (2010)”  
Review essay for *Technology and Culture* (Issue 53, Fall 2011).

## In Progress

**The Smartness Mandate** co-authored with Robert Mitchell. Book project on the history and theory of ubiquitous computing as a cultural logic. Intended completion Fall 2018.

**Resilient Hope:** Monograph on the history of cybernetics and ecology. Intended completion Summer 2019.

## New Media/Exhibitions/Curatorial Projects

*Elusive Life: Extinction, Biodiversity, and Datafication*

w/ *Hexagram* Transmediale Festival April 1-4, 2017

<https://transmediale.de/content/elusive-life-extinction-biodiversity-and-datafication>

*Nervous Systems*

Haus der Kulturen der Welt, March 10-May 09, 2016

[https://hkw.de/en/programm/projekte/2016/nervoese\\_systeme/nervoese\\_systeme\\_start.php](https://hkw.de/en/programm/projekte/2016/nervoese_systeme/nervoese_systeme_start.php)

<https://vimeo.com/172638035>

*Reading Algorithms*

Leuphana University, Digital Cultures Research Lab, June 8-9, 2016 Germany,

<http://projects.digital-cultures.net/reading-algorithms/>

*Anthropocene Campus*

Haus der Kulturen der Welt, Berlin (w/ Robert Mitchell, Bernhard Geoghegan, Oliver Hamand, and Stéphane Grumbach), April 14-22, 2016, Berlin <http://www.anthropocene-curriculum.org/>

*Furnishing the Cloud*, New School University (co-produced with Kimberly Ackert)

Exhibition and web-installation at Aronson Gallery, March 9-22, 2015, <http://furnishingthecloud.net/a/>

*Milgram*, Guggenheim/BMW Lab (co-produced with Nerea Calvillo, Jesse LeCavalier, and Wolfgang Pietsch)

Web based publication, research platform, and QR code pamphlet mapping digital infrastructures. Part of the Poiesis project at the Institute for Public Knowledge, and produced and shown at the BMW/Guggenheim East Village Pavilion throughout August 2011 (in English and German):

*Archiving Nature: Preservation Practices for a Digital Age* (co-produced with Tal Halpern):

Web-based installation shown at : “Iconoclash”, ZKM: Center for Art and Media, Karlsruhe, Germany. Spring-Summer 2002. Also published through the Electronic Literature Foundation.

[http://hosting.zkm.de/icon/stories/storyReader\\$56](http://hosting.zkm.de/icon/stories/storyReader$56)

*Chromosome 22: Digital Biology and Interactivity*, (co-authored with Tal Halpern)

*C-Theory Multi-media*, Cornell University Press, Issue 2, Spring 2001.  
Archived at: <http://rhizome.org/artbase/artwork/2246/>

Also selected for: "Open Horizons": Human Rights and Art, sponsored by UNESCO, The European Council for Cultural Affairs, March 21-24, 2001. Included in Rhizome Artbase.

*RT21: Reproductive Technologies Web*: Pedagogy tool and on-line network for the discussion and dissemination of feminist pedagogy, literature and actions on reproductive health and rights. Developed print and on-line publishing models. Operated from 1998-2001.

*Other Exhibitions and Collections Work is in:*

V2 ROTTERDAM, Rhizome Artbase, Electronic Literature Foundation

## AWARDS/ GRANTS/ FELLOWSHIPS

**Scholar in Residence, Max Planck Institute for the History of Science**  
Berlin, Germany

March 1-April 30, 2018

**Senior Fellow, IKKM (Internationales Kolleg für Kulturtechnikforschung und Medienphilosophie)**  
Weimar, Germany

December 2017-July 2018

<http://www.ikkm-weimar.de/fellows/aktuelle-fellows/orit-halpern/>

**Visiting Scholar Fellowship, Digital Cultures Research Lab Volkswagen Stiftung**  
Leuphana University, Lüneburg, Germany  
<http://cdc.leuphana.com/>

Summer 2016

**GIDEST Fellowship/Mellon Foundation**  
Graduate Institute for Design, Ethnography, and Social Thought  
New School University

2015-2016

**Graham Foundation**  
Individual Scholar Research Award

June 1, 2014-2015

**Visiting Scholar Fellowship, Digital Cultures Research Lab Volkswagen Stiftung**  
Leuphana University, Lüneburg, Germany  
<http://cdc.leuphana.com/>

Summer 2014

**Provost Office of the New School/ Research Cluster Grant**  
Multi-year grant to develop research, software publishing platforms and methods in the study of emergent urban and computing infrastructures.

Fall 2013-Fall 2015

**The Instruments Project, Social Science and Humanities Research Council of Canada**

Spring 2013-January 2015

Three year collaborative grant through the SSHRC to fund historical work on the relationship

between architecture and technology and to foster research partnerships between institutions.

**Award for Best Paper in 2011 from the Society for Histories of Media Art, Science and Technology** September 2011

For the paper “Influencing Machines: Cybernetics, Bio-politics, And Design”

**Max Planck Institute für Wissenschaftsgeschichte** Spring 2011  
Scholar in Residence Fellowship

**Warner Fund Award, Columbia University** 2012  
Awarded subvention funding for book, “Beautiful Data”

**Poiesis Fellowship** 2010-2013  
BMW Herbert Quandt Foundation  
Three Year Fellowship at the Institute for Public Knowledge at NYU for research on design, urbanization, and globalization.

**Max Planck Institute für Wissenschaftsgeschichte** Summer 2004  
Summer Fellowship: Participated in the “Science on the Screen” workshop.  
Berlin, Germany

**John Parker Scholarship** 2003-2004  
Dissertation Research Support Grant, Harvard University

**Harvard University** 2003  
Jerold Green Research Grant-Merit Fellowship

**Social Science Research Council Fellow** 2002  
Program for Information Technology, International Cooperation and Global Security, New York City, NY.

**Max Planck Institute für Wissenschaftsgeschichte** 2001-2002  
Pre Doctoral Fellowship: Berlin, Germany

**Harvard University** Summer 2001  
Graduate Student Council Language Training Grant

**Harvard University** 1999-2004  
Doctoral Student Stipend and Tuition Support

## CENTERS AND LABS

***Speculative Life Research Cluster*** 2016-ongoing

Co-director of a speculative design and arts research cluster at the intersection of the life sciences, architecture and design, and computational media.

[www.speculativelife.com](http://www.speculativelife.com)

***The Instruments Project/Aggregate***

2012-ongoing

Collaboration with Daniels School of Architecture at University of Toronto to produce new methods in the historical study of technology in design and architecture. The focus is to produce new web based and print based histories that can also inform design and architecture pedagogy and research.

<http://theinstrumentsproject.org/>

<http://www.we-aggregate.org/>

***Emergent Infrastructures Research Group***

2013-2015

Director of a three year project sponsored by the Provost Office at the New School to produce platforms for research and pedagogy between the divisions of design, humanities, and the social sciences.

<http://furnishingthecloud.net>

***Poiesis Fellowship/Digital Infrastructures Research Group***

2010-2013

Part of a three year research collaboration with New York University, Institute for Public Knowledge, for the study of the future of urban life and technology sponsored by the Herbert Quandt Foundation and BMW.

***Visual Culture Lab***

2007-2014

Co- founder and director of a collaborative working group and research cluster on visual and sensory culture and politics that integrates faculty from Art and Design History and Theory, History, Culture and Media Studies, and Politics.

<http://visualculturelab.wordpress.com/>

***Center for Transformative Media***

2007-2010

Part of a collaborative center for fostering new open-source publishing platforms, open courseware, and collaborative research between social science and design faculties.

## Invited Talks and Keynotes

### 2017

**V2 Institute for Unstable Media: “Smartness Mandate”: Evening of Black Box Concerns**

Rotterdam, Holland, December 7, 2017 <http://v2.nl/archive/people/orit-halpern>

**Project Bauhaus: “Resilient Hope”**

Berlin, Germany, December 2, 2017

[https://www.hkw.de/de/programm/projekte/veranstaltung/p\\_136956.php](https://www.hkw.de/de/programm/projekte/veranstaltung/p_136956.php)

**Haus der Kulturen Der Welt: 1948 Unbounded**

Berlin, Germany, November 30, 2017

<https://askhelmut.com/events/2017-11-30-19-00-haus-der-kulturen-der-welt-1948-unbound-switches>

**New York University, German Studies, The Quantity of Quality**

New York, USA October 27, 2017

<http://as.nyu.edu/content/nyu-as/as/research-centers/deutscheshaus/cultural-program/events/fall-2017/the-quantity-of-quantity-the-german-critical-tradition-in-the-cr.html>



**Max Planck Institute for History of Science, Workshop “The Intelligence of Algorithms”**  
Berlin, Germany October 19-21, 2017

**Eastern Bloc, Earthly Survival, Sight+Sound Festival**  
Montréal, Canada October 1, 2017  
<https://easternbloc.ca/fr/festival-sight-sound/artistes/orit-halpern>

**Concordia University, Putting Infrastructure in Its Place**  
Montréal, QC. Canada, October 11, 2017 <https://www.facebook.com/events/175540326329308/>

**Stanford University, Department of History of Science Colloquium**  
Palo Alto, California, October 5, 2017 <http://web.stanford.edu/dept/HPST/colloquia.html>

**Papanek Foundation Symposium, Design and Ethics**  
Austrian Embassy, London, UK September , 22,2017 <http://papanek.org/symposium/>

**University of Warwick, Workshop on the Ambivalences of Abstraction**  
London, UK June 15-16, 2017  
[https://www.sheffield.ac.uk/polopoly\\_fs/1.452574!/file/DataPowerConference-Programme-2.pdf](https://www.sheffield.ac.uk/polopoly_fs/1.452574!/file/DataPowerConference-Programme-2.pdf)

**University of Westminster, Digital Objects Digital Subjects**  
London, UK. May 20-21, 2017  
<https://www.westminster.ac.uk/events/digital-objects-digital-subjects-an-interdisciplinary-symposium-on-activism-research-and-critique-in-the-age-of-big-data-capitalism>

**University of Toronto, Techniques of the Corporation**  
Toronto, ON. Canada, May 6-7, 2017 <http://www.corporatetechniques.com/preliminary-program/>

**Radcliff Institute for Advanced Study, Harvard University, Data, Design, Decision Colloquia** Cambridge, MA, USA April 21, 2017  
[https://issuu.com/harvardofficeforurbanization/docs/data\\_design\\_decision](https://issuu.com/harvardofficeforurbanization/docs/data_design_decision)

**Institute for Contemporary Art Miami, Public Lecture Series: Smartness Mandate**  
Miami, FL. USA. April 20, 2017 <https://www.icamiami.org/seminar/orit-halpern-seminar/>

**University of Pennsylvania, Initiative on Culture, Society and Critical Policy Studies**  
Philadelphia, PA. USA, April 13, 2017  
<https://www.sp2.upenn.edu/sp2-event/lecture-orit-halpern/>

**University of Copenhagen, Uncertain Archives: Vulnerability Workshop**  
Copenhagen, Denmark, April 6-7, 2017  
<http://artsandculturalstudies.ku.dk/research/focus/uncertainarchives/vulnerability-workshop/>

**Transmediale Festival, “The Alien Middle” and “Elusive Life”**  
Berlin, Germany. February 4, 2017 <https://transmediale.de/content/orit-halpern>

**University of Chicago, Design Dialogues: Design as Pedagogy**

Chicago, IL, USA, January 19, 2017

<http://ccct.uchicago.edu/events/2017/1/2/panel-design-as-pedagogy-robot-somol-and-orit-halpern>

**University of Pennsylvania, Price Lab for Digital Humanities**

Philadelphia, PA, USA, November 10, 2016

<https://pricelab.sas.upenn.edu/events/orit-halpern-smart-mandate-ubiquitous-computing-resilient-infrastructures-and-test-bed>

**2016**

**Bauhaus Colloquium, University of Weimar, Weimar, Germany**

Keynote: “The Smart Mandate” October 26-29, 2016

<http://www.e-flux.com/announcements/69106/xiii-international-bauhaus-kolloquium/>

**Cornell University, Humanities Center, Ithaca, NY.**

October 6, 2016 [http://events.cornell.edu/event/orit\\_halpern\\_concordia\\_university](http://events.cornell.edu/event/orit_halpern_concordia_university)

**Leuphana University, Lüneberg, Germany**

Keynote: “Cybernetic Hypothesis” and “Queering Algorithms”

June 1-3 and 8-9, 2016 <https://www.leuphana.de/zentren/cdc/aktuell/ansicht/datum/2016/06/01/the-cybernetic-hypothesis.html>

<https://www.leuphana.de/zentren/cdc/aktuell/ansicht/datum/2016/06/08/reading-algorithms-queer-and-transgressive-encounters.html>

**Harvard University, Radcliff Institute for Advanced Study, Cambridge, MA.**

“Urban Intermedia: the City between Experience and Information”

May 2, 2016 [http://mellonurbanism.harvard.edu/hmui\\_event/urban-intermedia-the-city-between-experience-and-information/](http://mellonurbanism.harvard.edu/hmui_event/urban-intermedia-the-city-between-experience-and-information/)

**New York University, Remarque Institute, New York, NY.**

Rethinking the Environment, Remaking the Human: Human-Environment Dynamics and the Emergence of Rights Discourses

April 29-30, 2016

**Haus der Kulturen der Welt, Berlin, Germany**

Technosphere Campus

April 14-22, 2016

**Lafarge Holcim Forum, Detroit, Michigan**

April 7-9, 2016, <https://www.lafargeholcim-foundation.org/Experts/orit-halpern>

**University of Chicago, Chicago, IL.**

“Preemptive Hope”, March 17, 2016

**Michigan State University, Lansing, MI.**

“Smartness”, in conference “Critical Institutions”, February 19, 2016

**Princeton University, “After the Spectacular Image”**

Princeton, NJ, USA February 11-12, 2016 <https://arc-hum.princeton.edu/spec-image>  
**Museum of Contemporary Art**, Chicago, Il.  
Terra Foundation Forums on the “Image and the City  
January 26, 2016

## 2015

**Yale University**, New Haven, CT.  
Yale Modernist Forum  
December 1, 2015

**German Cultural Studies Association Keynote**  
University of Leuphana, Luneberg, Germany  
November 11, 2015

**Erasmus University**, Rotterdam, Netherlands  
Monitoring Modernity Colloquium, Department of Social Theory, October 23, 2015

**Germany Media Studies Conference Keynote**  
University of Bayreuth, Bayreuth, Germany, October 1, 2015

**Haus der Kulturen der Welt**, Berlin, Germany  
“Speaking from the Laboratory”, September 30, 2015

**University of Potsdam**, Potsdam, Germany  
Media Studies Colloquia, July 8<sup>th</sup>, 2015

**IXDM**, Critical Media Lab, Basel Switzerland  
Data Traces Conference: <https://vimeo.com/138845881>  
July 3 and 4, 2015

**The New Museum**, New York  
(Temporary) Collection of Ideas  
<https://www.youtube.com/watch?v=7s1Hy00OJbs>  
June 14, 2015

**CNRS**, Paris France  
May 10, 2015, Paper: The Rise of the Responsive Environment

**University of Colorado**, Boulder, CO.  
Media Studies and Communication, January 2015  
Paper: The Culture of the Demo

## 2014

**University of Chicago**, Chicago, Illinois  
Anthropology Department Colloquia, November 24, 2014  
Paper: Demo or Die!: The Rise of The Responsive Environment

**Princeton University School of Architecture**, Princeton, New Jersey

The Instruments Group Public Conversations, November 22, 2014

**IXDM**, Critical Media Lab , Basel Switzerland

November 20, 2014

Keynote Speaker for Laboratory Launch

**University of Chicago**, Chicago, Illinois

Post War Working Group, October 27, 2014

Paper: Test-Bed Urbanism

**Cambridge University**, Cambridge, England

Sociology Department, October 4, 2014

Paper: Apocalyptic Hope: Optimism, Computation, and Design in a time of Global Insecurity

**MIT**, Cambridge, Massachusetts

Science Technology Studies Colloquium, September 29, 2014

Paper: “The Response Mandate: Computing, Capital, and Territory in an Apocalyptic Age”

**Goldsmiths, University of London**, London, UK.

Visual Cultures Department, August 6, 2014

Paper presented: *The Response Imperative: The Media Lab, Race, and the Future of Urban Territory*

**Digital Cultures Research Center**, Leuphana University, Germany

*In-Silico Workshop, Smart Cities and Systems Workshop, Art and Technics*

June 19-21, 25 and July 9, 2014

**MIT**, Cambridge, Massachusetts

*Instruments Group Workshop*, April 5, 2014.

Paper presented: Cybernetic Architectures

**University of Buffalo**, Buffalo, New York

*Techne Institute for Arts and Emerging Technologies at the University at Buffalo*, March 24, 2014

Paper presented: Test-Bed Urbanism

**Open Society Archives**, Budapest, Hungary

*Archive/Image: New Archival Epistemes in a Digital Landscape*, March 7-8, 2014

Paper presented: *The Archival Eye: Cybernetics, Design, and Politics in the Cold War*

## 2013

**University of Toronto**, Toronto, Canada

*Architecture and Technics Workshop*, September 20-21, 2013

Paper presented: *A Circuitous Genealogy of Computer-Aided Design*

**University of Warwick**, Warwick, England

*Where do Neo-Liberals Go After the Market: Calculation, Computation and Crisis*, June 13, 2013

Paper presented: *Algorithmic Territories: Calculation, Computation, and the Spatial Product*

**Kunsthochschule für Medien**, Cologne, Germany

*The Timing of Affect*, May 30, 2013

Paper presented: *The Neural Network: Temporality, Rationality, and Affect in Cybernetics*

**School of the Art Institute of Chicago**, Chicago, IL.

Commencement Speaker for Art History Graduate Program, May 4, 2013

**Department of Rhetoric, University of California Berkeley**, Berkeley, CA.

January 17, 2013

Paper presented: *The Governance of Sense: Designing Information and Reconfiguring Population circa 1959*

## 2012

**Annenberg School of Communication, University of Pennsylvania**, Philadelphia, PA.

*Image, Ethics Technology*, November 30, 2012

Paper presented: *Bio-politics, Multimedia, and the Cold War*

**University of Chicago/Renmin University**, Beijing, China

*Knowledge+Value Series*, September 7, 2012

Paper presented: *Perceptual Machines*

**BMW/Guggenheim Lab**, Berlin, Germany

July 23, 2012

Presentation: *Beautiful Data: Visualization, Territory, and the Future of Urban Form*

**Buell Center, Columbia University**, New York, NY.

*Technics and Art*, April 14, 2012

Paper Presented: *Psychotic Infrastructures*

**Brown University, Department of Culture and Media**, Providence, RI.

February 17, 2012

Paper Presented: *Rational Formations: Cybernetics and the Transformation of Reason*

**Goldsmiths, University of London**, London, England

*The New Numeracy*, February 17, 2012

Paper Presented: *Numbers, Reason, and Cybernetics*

**Transmediale Art Fair**, Berlin, Germany

February 4, 2012

Paper delivered: *Rationality and Crisis in Cybernetics*

## 2011

**University of Toronto**, Toronto, Canada

*Technoscience Salon*, December 2, 2011

Paper Presented: *Psychotic Circuits*

**Max Planck Institute for the History of Science**, Berlin, Germany

Data, Diversity, Difference Conference, November 24-26, 2011

Paper Delivered: *Cybernetics, Design, and Bio-politics in 1959*

**American Anthropology Association**, Montreal, Canada

November 15, 2011  
Special Panel on *Crisis*

**Graduate Center of the City College of New York**, New York, NY.  
Multi-Species Salon, October 19, 2011  
Paper presented: *Archiving the Senses: Cybernetics, Perception, and Affect*.

**University of California**, Davis, CA.  
Tweak! :Workshop on Digital Media and the Future of the Sciences  
September 21-23, 2011

**Institute for Public Knowledge, New York University**, New York, NY.  
May 4, 2011  
Paper presented: *From Neural Nets to Nervous Spectators: Cybernetics, Design and Securitzation in the Cold War*

**Sociology Department Colloquia, CUNY Graduate Center**, New York, NY.  
April 15, 2011  
Paper presented: *Rational Psychosis*

**Media Studies Colloquia, Pratt Institute**, New York, NY.  
March 25, 2011  
Paper presented: *Influencing Machines: Cybernetics, Vision, and Design*

## 2010

**Max Planck Institute**, Berlin, Germany  
January 11, 2010  
Paper presented: *Cybernetic Vision*

**Columbia University**, New York, NY.  
University Seminar on History and Theory of Media, March 11, 2010  
Paper presented: *The Autonomous Eye: Bio-politics, Cybernetics, and Design circa 1959*

## 2009

**University of Southern California**, Los Angeles, CA.  
Visible Evidence Conference: Panel on Science and Documentary, August 13, 2009  
Paper Presented: *The Scanning Eye: Cybernetics, Temporality, and the Archive*

**Cultural Studies Association**, Kansas City, MO.  
April 16, 2009  
Plenary Speaker: *Memories for the Future: Cybernetics, Temporality, and Control*

**CentralTrek Art/Engineering Collaboration**, University of Texas, Dallas, TX.  
Woman, Body, Image: Half Lives of the Cyborg Manifesto 25 Years Later, March 7, 2009  
Paper Presented: *Genealogies of the Cyborg*

## 2008

**Envisioning Digital Media Workshop**, New School for Social Research, New York, NY.  
Paper Presented: *Memory, Testimony, and the Archive*, Feb. 2008

## 2007

**New York University, Kervorkian Center for Middle East Studies**, New York, NY.  
Impossible Archives Public Lecture, April 2007  
Paper Presented: *Art, Testimony and the Archive*

**Duke University**, Durham, NC.  
Sawyer Seminar, Feb. 12, 2007  
Paper Presented: *Schizoid Subjects and Desiring Machines*

## 2006

**Franklin Humanities Center**, Duke University, Durham, NC.  
November, 2006  
Paper Presented: *Time and Difference in Digital Media*.

# Selected Conference Papers

## 2017

**Automated Environments Special Workshop**, Goethe Institute and Canadian Center for Architecture, Montréal, November 1, 2017  
Organizer and Moderator  
[https://www.goethe.de/ins/ca/en/sta/mon/ver.cfm?fuseaction=events.detail&event\\_id=21081900](https://www.goethe.de/ins/ca/en/sta/mon/ver.cfm?fuseaction=events.detail&event_id=21081900)

## 2013

**History of Science Society**, Boston, November 21-24, 2013  
Panel Organizer: The History of Science and/as the History of Media  
Paper Presented: *Nervous Infrastructures: Cybernetics, Design and Ubiquitous Computing*

**Society for Science, Literature and the Arts**, Notre Dame, October 2013  
Paper Presented: *Algorithmic Territories*

## 2011

**History of Science Society/Social Studies of Science**, Cleveland, November 3-6, 2011  
Papers Presented: *Schizoid Machines: Gregory Bateson's Methods and the Cybernetic Mind*  
*The Autonomy of the Eye: Cybernetics and Design*

**Rewire Conference**, Liverpool, England, September 28-30, 2011  
Paper presented: *The Governance of Sense*

**Visible Evidence Conference**, New York University, New York, August 13, 2011  
Paper presented: *Affective Governmentality and the Cinematic Image*

**International Communication Association**, Boston, MA., May 4, 2011

Special Caucus on War  
Paper Presented: *Militarized Vision?*

## 2010

**Social Studies of Science Conference**, Tokyo, Japan, August 26, 2010

Paper presented: *Psychotic Logic: Cybernetics, Cognition, and Design*

**Cultural Studies Association**, Berkeley, California, March 19, 2010

Paper Presented: *Cybernetic Vision*

**Digital Labor Conference**, New School, New York, November 13, 2010

Paper Presented: *Learning to See: The Digital Vision of Post-War Design*

## 2009

**Social Studies of Science Conference**, Washington DC. October 29, 2009

Paper Presented: *Circuits of Control*

## 2008

**History of Science Society**, Pittsburgh, PA. Nov. 2008

Paper Presented: *Architectures of Communication: Cybernetics, Temporality, and Perception in Post-war American Design*

## 2007

**Society for Literature, Sciences, and the Arts**, Portland, ME. Nov. 2007

Paper Presented: *Schizoid Screens and Desiring Machines*

## 2006

**History of Science Society**, Vancouver, Canada.

Paper Presented: *In the Heritage of "As We May Think"*, Nov. 2006

# Teaching

## Subject topics include from Undergraduate to Graduate:

- Introduction to Cybercultures
- Introduction to the Study of Media in Contemporary Society
- Introduction to the History of Science and Technology
- Introduction to the History of Race and Sex
- Introduction to Animal Studies
- History of the Cold War, Science, and Contemporary Media
- Militarized Vision: The Study of Militarism and Contemporary Media Technologies
- Feminist Screen Studies: Introduction to Feminist and Queer Approaches to Studying Film and New Media
- Design/History/Revolution: Introduction to the Study of Design History and Theory
- Origins of Contemporary Visual Culture
- Designing Security: Introduction to the Study of Networks
- Making Sense: Historical and Ethnographic Methods in the Study of Vision and Visuality
- Methods in Anthropology, Sociology, and History for the Study of Media
- Introduction to Science Studies
- Methods in Historical Research for Dissertating Students



- Planetary Futures

### **Master Thesis and Ph.D. Supervision:**

Currently, I have been a reader on two completed master's thesis in Film and Sociology, and currently supervise three PhD candidates in the Humanities program at Concordia, and am on the committee of one Master's student. I have advised 7 master's thesis and 11 dissertations at my time in New School. My current students work on topics such as: the history and politics of the idea of the anthropocene, sound architectures and war in the Middle East and South Asia, genealogies of GIS/GPS systems, the phenomenology and history of hand held gaming devices in Japan and the US, the biopolitics of war injury and prosthetics in the American military, the attention economy of hand held devices, big data in contemporary astronomy, art-practices as a form of sociological research, the politics of art as philanthropy .

## Other Employment

**Project Manager/Research Associate**, Harvard University 7/00 –9/01  
Special Project on Technology And Ethics, Cambridge, MA.

*Directed programs for web based public engagement on issues in science and society.*

**Project Director**, Harvard School of Public Health, 8/97 – 9/99  
Department of Population and International Health, Boston, MA.

*Director for an international internet network project building communication and computing capacity in non-governmental organizations working in the fields of gender, human rights, and reproductive rights.*

- Participated actively in Resource Development and Program Management
- Worked closely with Development Office in Fundraising
- Worked extensively in South Asia, particularly in India and Nepal
- Developed on-line epidemiology sharing systems, research libraries, electronic publishing systems, working groups, and pedagogical tools for both non-profit and university environments.
- Coordinated activities of 30 employees

**Research Associate**, Bangladesh Rural Advancement Committee and 12/96-9/97  
Micronutrient Initiative/ Tufts University Micronutrient Support Project,  
Dhaka, Bangladesh

*Conducted a pre- implementation program assessment and evaluation for a large-scale World Bank sponsored micro-nutrient intervention.*

**Project Coordinator**, Columbia University School of Public Health, 9/95- 12/96  
New York, NY

*Researched behavioral interventions in high risk for HIV/ AIDS populations.*

**Research Associate**, Brigham and Women's Hospital, Boston, MA. 1994-95

*Coordinated and ran clinical trials for asthma related treatments.*

## Professional Organizations/Participation

Editorial Advisory Board of International Research in Design (BIRD)

Board of *Digital Culture and Society*

Board of Media/History/Art Conference for 2014-15

Editorial Review Board *Sensate* 2013

History of Science Society

Society for the Social Studies of Science

Society for Cinema and Media Studies

Cultural Studies Association

Society for Language, Science and the Arts

Reviewer for Science in Context, Technology and Culture, Configurations, Isis, Swiss National Science Foundation, Duke University Press, MIT Press, University of Minnesota Press

## Languages

Fluent in Hebrew, proficient in French