

# JACOB GABOURY

Assistant Professor of Digital Media & Visual Culture  
Program in Art History & Criticism  
Stony Brook University, SUNY  
jacobgaboury.com

## ACADEMIC POSITIONS

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### **Assistant Professor**, 2014-Present

Stony Brook University, Department of Art, Program in Art History and Criticism, Stony Brook, NY  
Affiliate: Consortium for Digital Art Culture and Technology

### **Postdoctoral Fellow**, *Sciences of the Archive* with Lorraine Daston, 2015-2016

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

### **Junior Fellow**, Institute for Advanced Study for Media Cultures of Computer Simulation (MECS), 2014

Leuphana University, Lüneburg, Germany

## EDUCATION

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### **New York University**

*PhD*, Media, Culture, and Communication, 2014, Awarded with Distinction  
Dissertation: *Image Objects: An Archaeology of 3D Computer Graphics, 1965-1979*

### **New York University**

*Master of Arts*, Cinema Studies, 2008

### **University of Puget Sound**

*Bachelor of Arts, Cum Laude* with Honors, Spanish Language & Literature, 2005

## BOOK MANUSCRIPTS

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(2018) *Image Objects*. Cambridge, MA: MIT Press. Under Advance Contract.

## PEER-REVIEWED ESSAYS AND CHAPTERS

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(2016) "Other Places of Invention: Utah and the History of Computer Graphics" *Communities of Computing: Computer Science and Society in the ACM*. New York: ACM Books.

(2016) "QueerOS: A User's Manual" with Fiona Barnett, Zach Blas, micha cárdenas, Jessica M. Johnson, and Margaret Rhee. *Debates in the Digital Humanities 2016*. Matthew Gold and Lauren Klein eds. Minneapolis: University of Minnesota Press.

- (2015) "Hidden Surface Problems: On the Digital Image as Material Object," *Journal of Visual Culture* 14, no. 1 pp. 40-60.
- (2014) "New Media Art" with James Hodge (Northwestern) in *Oxford Bibliographies in Cinema and Media Studies*, ed. Krin Gabbard. New York: Oxford University Press.

#### INVITED ESSAYS AND CHAPTERS

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- (2017) "De la pauvreté de l'image riche" in *Haute et basse définition*, Antonio Somaini and Francesco Casetti eds. Dijon, FR: Les presses du réel.
- (2017) "Critical Unmaking: Computing Queerness in the Digital Humanities" in *The Routledge Companion to Media Studies and Digital Humanities*. Jenterey Sayers, ed. New York: Routledge.
- (2016) "Biometrics and Opacity: A Conversation" with Zach Blas (Goldsmiths), *Camera Obscura: Feminism, Culture, and Media Studies* 91, vol. 31, no. 2.
- (2016) "Sounding Silence: Noise Reduction and Amplification as Sonic Mediation" *Continent*. Special Issue: Acoustic Infrastructures. 5.3.
- (2016) "Perspective" in *Debugging Game History: A Critical Lexicon*. Henry Lowood and Raiford Guins, eds. Cambridge: MIT Press.
- (2014) "Darling Sweetheart: Queer Objects in Early Computer Art" in *Metaverse Creativity: Building, Performing, Learning and Authorship in Online 3D Worlds*. Special Issue, "The New Romantics" vol. 3 no. 1/2.
- (2013) "On Uncomputable Numbers: The Origins of a Queer Computing" *Media-N: Journal of the New Media Caucus*. Vol. 9 Issue 2.
- (2013) "A Queer History of Computing: Parts 1-5" *Rhizome*. Web.
- (2012) "Computer Graphics and Object Orientation" in *World of the News*, Vol. 1 Issue 2. Berlin: Transmediale, in/compatible.

#### ARTICLES IN PREPARATION AND UNDER REVIEW

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- (Under Review) "A Structure of Objects: Computer Graphics and the Ontological Turn in Computer Science" *Computer Architectures*. Theodora Vardouli and Olga Touloumi, eds. Amherst, MA: Amherst College Press (Anticipated Publication in 2018)
- (In Preparation) "To be Made Subject to Simulation" *Grey Room*.
- (In Preparation) "Grab, Dump, Capture: Screenshots Genealogies" *Computational Culture*.

## FELLOWSHIPS

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- (2017) Research Fellowship, Internationales Kolleg für Kulturtechnikforschung und Medienphilosophie (IKKM) Bauhaus-Universität Weimar, DE.
- (2014-2015) Adelle and Erwin Tomash Fellowship in the History of Information Technology, Charles Babbage Institute, University of Minnesota.
- (2013-2014) Institute of Electrical and Electronics Engineers (IEEE) Life Member's Fellowship in Electrical History.
- (2013-2014) Lemelson Fellowship, Smithsonian National Museum of American History.
- (2012-2013) Association for Computing Machinery (ACM) History Fellowship.
- (2010) Social Science Research Council (SSRC) Dissertation Proposal Development Fellowship.

## GRANTS AND AWARDS

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- (2016) President's Distinguished Travel Grant, Stony Brook University
- (2014) NYU Media, Culture and Communication Distinguished Dissertation Award, 2014
- (2012-2014) NYU Information Futures Grant
- (2013-2014) Leboff Research Fund, New York University
- (2011-2014) Media, Culture, and Communication Travel Fund, New York University
- (2013) NYU Humanities Initiative Grant-in-Aid
- (2013) MIT Press Travel Fund, Society for the History of Technology (SHOT)
- (2011-2012) Steinhardt Travel Fund, New York University
- (2009, 2012) Large Grant for Dissertation Research, New York University
- (2007-2008) Merit-Based Tuition Remission, Cinema Studies, New York University
- (2006-2007) Dean's Scholarship, Cinema Studies, New York University
- (2005-Present) Phi Beta Kappa

## KEYNOTE LECTURES

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(2015) "Precarious Simulation, or A Critique of the Rich Image" Keynote Speaker. The Berkeley Conference on Precarious Aesthetics, UC Berkeley. October 15-17.

## INVITED LECTURES

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(2017) "Grab, Dump, Capture: Screenshot Genealogies" Information School, University of Toronto. Toronto, Canada. February 2.

(2017) "Graphical Standards" Art and Science Salon Series, XXIX Design Studio. New York, NY. January 11.

(2017) "Z, or Perspective as Depth Simulation" *Perspective Rules! Architecture, Video Games, and the Design of Computer Simulations*. Institute for Advanced Studies on Media Cultures of Computer Simulation (MECS). Lüneburg, Germany. January 17-19.

(2016) "Visual Simulation as a Cultural Technique. Early Computer Graphics in the U.S." *Kolloquium zur Geschichte des Wissens*, Humboldt University. Berlin, DE June 15.

(2016) "Queer Histories of Computing Beyond Alan Turing" *#unit festival: World's First Queer Technology Conference*. Berlin, DE April 16.

(2016) "On the Poverty of the Rich Image" *Center for Cultural Studies*. Goldsmiths, University of London. London, ENG February 11.

(2015) "The Computer is Not a Visual Medium: Archaeologies of the Digital Present" Institut national d'histoire de l'art, Paris, France. November 27.

(2015) "Precarious Simulation, or A Critique of the Rich Image" Keynote Speaker. The Berkeley Conference on Precarious Aesthetics, UC Berkeley. October 15-17.

(2015) "On Uncomputable Numbers, or A Queer History of Computing" *Media Studies Lecture Series*, Pratt Institute, Brooklyn, NY. February 26.

(2014) "Queer Tools for the Digital Humanities" *Alumni Lecture*, University of Puget Sound. Tacoma, WA. December 4-5.

(2014) "Calculating the Cold War and Data Oracles" Museum of Arts and Design (MAD). New York, NY. October 9.

(2014) "Queer New Media Art" *Visiting Artist/Lecturer*, Cranbrook Academy of Art, Bloomfield Hills, MI. Oct. 2-4.

(2014) "Image Objects" Institute of Experimental Design and Media Cultures. Basel, Switzerland. June 18.

- (2014) "Objects, Oriented. Simulation and the Object World" Institute for Advanced Study on Media Cultures of Computer Simulation (MECS), Leuphana University, Lüneburg, Germany. May 28.
- (2014) "On Uncomputable Numbers: Queer Histories of Computing" *Learning to See Systems Colloquium*. University of Illinois Urbana-Champaign. Urbana-Champaign, IL. Feb. 18.
- (2014) "Beyond Silicon Valley: Computer Graphics at the University of Utah" *Smithsonian Institute Colloquium*, National Museum of American History, Washington D. C. Feb. 14.
- (2014) "In Progress: Queer Histories of Computing" *Queer Art and Technology (QUAT) Research Group*. Eyebeam Art and Technology Center. New York, NY. Jan. 20.

#### INVITED PANELS AND WORKSHOPS

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- (2017) "Data Visualization: Literature and Media" *Digital Humanities Workshop*. Columbia University. New York, NY. February 14, 2017.
- (2015) "Designing Compulsion" Panelist, Empyre Listserv. October.  
<<http://lists.cofa.unsw.edu.au/pipermail/empyre/2015-October/thread.html> >
- (2015) UNESCO International Forum "Virtual Humanities for Sustainable Memory of Graphic Cultural Heritage" Mexico City, Mexico. September 24-25.
- (2015) "Tables, Teapots, and a Tartan Couch: Media Archaeology and Computer Histories" Babycastles Gallery, New York, NY. May 8.
- (2014) "Image Objects: An Archaeology of Computer Graphics" *Genres of Scholarly Knowledge Production*, HUMlab, Umeå University, Sweden. Dec. 10-12.
- (2014) "Crafting Your Professional Online Presence" Workshop Leader. NYU Libraries Digital Scholarship Services. New York, NY. April 10.
- (2014) "Queer Histories of Computing" *Queer Internet Studies Workshop*. Columbia University School of Journalism. New York, NY. April 4.
- (2013) "Queer Histories of the Early Internet" *Digital & Interdisciplinary Practice*. City College of New York. Dec. 2.
- (2013) "Re-Programming Media History" School for Poetic Computation. Brooklyn, NY. Nov. 4.  
<<http://sfpc.io/>>
- (2013) "The Electronic Picture" *Visions of the Now / Visioner av Nuet*. Stockholm, SE May 24-26.
- (2013) HASTAC Scholars: Alan Turing, Cybernetics, and the Digital Humanities. February.  
<<http://hastac.org/forums/alan-turing-first-digital-humanist>>

- (2012) VITAL CONTENT: HYPER ZOOM. Moderator. *Internet Art and Documentary Film*. Union Docs, Brooklyn, NY Oct. 21.
- (2012) "Computation and the Nonhuman" Panelist, *Queer Media Art*, Empyre Listserv. June. <<http://lists.cofa.unsw.edu.au/pipermail/empyre/2012-June/thread.html>>
- (2012) "Teapot, Rabbit, Box: Object Standards in Computer Graphics." *Princeton/Weimar Summer School for Media Studies*. Princeton University, Princeton, NJ June 17-23.
- (2012) "Moving Image Technology of Tomorrow." *Moving Image Contemporary Video Art Fair*. New York, NY March 10.
- (2011) "Image Objects: Computer Graphics and Object Orientation." *in/compatible Research*. Transmediale. Berlin, Germany November 16-18.

#### PEER-REVIEWED PANELS AND PRESENTATIONS

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- (2017) "Historicizing the 'Poor Image:' Material, Libidinal, and Medium-Specific Economies of Image and Sound Poverty" *Society for Cinema and Media Studies Annual Conference*. Chicago, IL. March 22-26.
- (2016) "The Grounding and Groundedness of Algorithms: Race, Place, Power, and American Studies Work" *American Studies Association Annual Conference*. Denver, CO. November 17-20.
- (2016) "Sounding Silence: Noise Reduction and Amplification as Sonic Mediation" *Society for Literature, Science, and the Arts Annual Conference*. Atlanta, GA. November 3-6.
- (2016) "Procedure Crystallized: The Graphics Card as Instrument and Object" *Society for the History of Technology Annual Conference*. Singapore. June 22-26.
- (2016) "A Voice Uncoiled: Noise, Loss, and the Origins of Digital Sound" *Society for Cinema and Media Studies Annual Conference*. Atlanta, GA. March 30-April 3.
- (2016) "PrtScn: Computer Screen Archaeologies from Display to Capture" *Hands-On History*, Geological Society. London, ENG. February 8-10.
- (2015) "Goodbye World: Compulsory Identification and the Limits of Computation" *Society for Cinema and Media Studies*, Montreal, QC. March 25-29.
- (2015) "Computing the Esoteric: Queer Programming Languages" *Modern Language Association*, Vancouver, BC. Jan. 8-11.
- (2014) "Compiling a Queer Computation" *American Studies Association*, Los Angeles, CA Nov. 6-9.
- (2014) "What is a Digital Thing?" in *Objects: The Medium is the Material*. *Society for Cinema and Media Studies*, Seattle, WA. March 19-23.

- (2014) "Beyond Big Data: The Politics of Vision in Complex Systems" Respondent. *College Arts Association Annual Conference*. Chicago, IL. Feb. 12-15.
- (2013) "Image Objects: Computer Graphics at the University of Utah, 1965-1979" *Futures Past: Design and the Machine*. MIT Media Lab, Cambridge, MA. Nov. 21-23.
- (2013) "Image Objects: Computer Graphics at the University of Utah" Old Ideas: Recomputing the History of Information Technology. SHOT SIGCIS Workshop. Portland, ME. Oct. 13.
- (2013) "Early Experiments in 3D Computer Graphics" *Society for the History of Technology Annual Conference*, Portland, ME. Oct. 10-13.
- (2013) "Object Standards and the Uneven Ontology of Computer Graphics" *Society for Literature, Science, and the Arts Annual Conference*, Notre Dame, IL. Oct. 3-6.
- (2013) "Interactive Objects: 3D Graphics in the History of Games" *The History of Games International Conference*, Montreal, QC. June 21-23.
- (2013) "An Archaeology of Uncomputable Numbers: Queer Media History." in *New/Media/Archaeologies: Extensions and Interventions in Media Archaeology*. *Society for Cinema and Media Studies Annual Conference*, Chicago, IL. Mar. 6-10.
- (2013) "On the Materiality of Simulated Objects" *Para|Sites: Locations and Dislocations of Media*, *Neil Postman Graduate Conference*, New York, NY. Feb. 21-22.
- (2013) "Computation and the Non-Human: New Directions in Queer Theory and Art." Official New Media Caucus Sponsored Panel, *College Art Association Annual Conference*, New York, NY. Feb. 13-16.
- (2012) "Beyond Universal Computation: Turing and the Origins of a Queer Computing" *American Studies Association Annual Meeting*, San Juan, PR. Nov. 15-18.

## INTERVIEWS AND POPULAR PRESS

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- (2016) "The House in the Sky" Interactive Artwork and Interview, *Pioneer Works*, New York, NY. July 27-Aug 1.
- (2015) "The Imitation Game" *Gaydio Sunday Forum*. Radio Program. February 28.
- (2015) "On Vernacular Computing." *Art Papers*, January/February.
- (2011) "Radical Ethology: Jussi Parikka's *Insect Media*" *Artlink: Contemporary Art in Australia and the Asia-Pacific*. "Phenomena" Vol. 31 No. 4 p. 40-41.
- (2010-Present) Various Publications. *Rhizome*. <<http://rhizome.org/profile/gaboury/>>

## RESEARCH APPOINTMENTS

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- (2010-2011) *Future Internet Architecture Initiative*, National Science Foundation (NSF), Research Assistant to Helen Nissenbaum.
- (2010) *Rhizome*, New Museum for Contemporary Art, Editorial Fellow.
- (2008) *Museum of the Moving Image*, New Media Curatorial Fellow.
- (2006-2007) *Moving Image Archiving and Preservation*, New York University, Research Assistant.

## CONFERENCES AND LECTURE SERIES ORGANIZED

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- (2014) “Software Studies Retrospective” with Matthew Fuller, Lev Manovich, and Noah Wardrip-Fruin. *Program: Media and Literature*. April 25.
- (2013) “New | Media Archives” with Lori Emerson and Ben Fino-Radin. *Program: Media and Literature*. November 15.
- (2013) “Social Networking and Neuropower” with Bernard Stiegler. *Program: Media and Literature*. April 13.
- (2013) “Values in Technological Design” with Geoffrey Bowker and Sara Hendren. *Program: Media and Literature*. April 12.
- (2013) “Media Archaeology” with Matthew Kirschenbaum and Wendy Hui Kyong Chun. *Program: Media and Literature*. March 1.
- (2012) “Architecture and Computation” with Keller Easterling and Erica Robles-Anderson. *Program: Media and Literature*. November 9.

## TEACHING EXPERIENCE

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### **Stony Brook University, Assistant Professor**

Media History Spring 2017

History of Cultural Studies (PhD) Spring 2017

After the Digital: Art, Technology, and Culture After Digitization Fall 2016

Critical Unmaking: Queer and Feminist Technologies Fall 2016

Media Theory (PhD) Spring 2015

Film History II, 1945-Present Spring 2015

Video and Computer Game Cultures Fall 2014



**New York University, Instructor**

New Media Research Studio Fall 2011, Spring 2012, Fall 2012, Spring 2013

Gender and Technology Summer 2012, Summer 2013

Media and Cultural Analysis Spring 2010

**New York University, Teaching Assistant**

History of Communication Spring 2009

Introduction to Media Studies Fall 2008, Fall 2009

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**ADVISING**

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**PhD Dissertation Committee, Chair**

2015 – Present: Anne Deger (Cultural Studies), “Automatic (Writing) For The People: A Cultural History of AutoCorrect”

2015 – Present: Brent Strang (Cultural Studies), “Upholstered Frontiers: Digital Apperception in the Home Entertainment Zone”

**PhD Oral Exam Committee, Member**

2017: Paul Rubery (Art History)

2017: Corinna Kirsch (Art History)

2016: Jamie Cohen (Cultural Studies)

2016: Ruby Liang (Cultural Studies)

2016: Marley Rosner (Cultural Studies)

2016: Kathryn Silverstein (Comparative Literature)

2016: Simone West (Comparative Literature)

2015: Anne Deger (Cultural Studies)

**BA Theses and Senior Projects, Advisor**

2014 – 2015: William Ji (Computer Science), “Morality of Transhumanism Explored by Deus Ex: Human Revolution.” Winner: Elof Carlson Award for greatest scholarly contribution in the arts, humanities or social sciences.

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**COMMITTEE SERVICE**

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(2014-2015) Undergraduate Studies Committee, Department of Cultural Analysis and Theory, Stony Brook University.

(2011-2012) PhD Representative, Digital Media Hiring Committee, NYU.

(2006-2007) RA Departmental Representative, Cinema Studies Curriculum Committee, NYU.

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**ADVISING AND OTHER SERVICE**

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(2012-2013) Faculty Advisor, *Disability Studies and Disabilities Community at NYU*.

(2012) Teaching Advisor, PhD Orientation, NYU.

(2011) Advisor on Computer Graphics, *Computing: The Human Experience* (PBS Documentary).

## EDITORIAL EXPERIENCE

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(2014-Present) Associate Editor, *Media-N: Journal of the New Media Caucus*.

(2016-Present) Advisory Board Member, *immediations*.

## UNIVERSITY PRESS AND JOURNAL REVIEW

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*Journal of Visual Culture*

*Information & Culture*

*Media-N: The Journal of the New Media Caucus*

*WSQ*

*Leonardo*

*Immediations*

*Philosophy & Technology*

*Feminist Media Histories*

## ACADEMIC ORGANIZATIONS

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Society for Cinema and Media Studies

Society for the History of Technology

American Studies Association

College Arts Association

Society for Literature, Science, and the Arts

Modern Language Association

## REFERENCES

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### **Alexander Galloway**

Professor of Media,  
Culture, and Communication  
New York University  
galloway@nyu.edu  
(212) 998-5423

### **Jussi Parikka**

Professor of Media & Design  
Winchester School of Art  
University of Southampton  
j.parikka@soton.ac.uk

### **Lisa Gitelman**

Professor of Media,  
Culture, and Communication  
New York University  
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(212) 998-5191

### **Timothy Lenoir**

Distinguished Professor of Cinema and Digital  
Media and Distinguished Professor of Science  
and Technology Studies  
University of California, Davis  
lenoir@ucdavis.edu

**Mara Mills**

Associate Professor of Media,  
Culture, and Communication  
New York University  
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(212) 992-7325

**Lev Manovich**

Professor of Computer Science  
Director, Software Studies Initiative  
The Graduate Center, CUNY  
manovich.lev@gmail.com

**LANGUAGES**

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English, Native.  
Spanish, High Proficiency.  
German, Reading and Translation.