

## Chloe Silverman

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### ACADEMIC POSITIONS

Associate Professor, Department of History and Politics and STS Program, Drexel University (2013-present)

Associate Professor, English Department, Penn State University (2012-2013)

Assistant Professor, Science, Technology and Society Program, Penn State University (2006-2012)

Visiting Assistant Professor, Department of Science & Technology Studies, Cornell University (Mellon Postdoctoral Fellowship, 2004-2006)

### EDUCATION

#### University of Pennsylvania, Philadelphia, PA, USA.

**PhD**, Department of History and Sociology of Science, August 2004.

**Dissertation Topic: "A Disorder of Affect: Love, Tragedy, Biomedicine, and Citizenship in American Autism Research, 1943-2003"**

Primary Dissertation Advisor: Prof. M. Susan Lindee; Secondary Advisors: Prof. Robert Kohler (University of Pennsylvania), and Prof. Joseph Dumit, (MIT).

**M.A.** in History and Sociology of Science, May 2001.

#### Vassar College, Poughkeepsie, NY, USA.

**B.A. with Departmental Honors** in Multidisciplinary Program in Science, Technology and Society, May 1999.

### FELLOWSHIPS AND AWARDS

National Science Foundation Scholar's Award, "A Social Scientific Study of How Stakeholders Produce Knowledge About Colony Collapse Disorder." August 2011-July 2014. (Award Amount: \$166,286)

Mellon Postdoctoral Fellowship in Department of Science and Technology Studies (S&TS), Cornell University, August 2004-2006.

Jacob K. Javits Fellowship, September 2000-August 2004.

### BOOK

*Understanding Autism: Parents, Doctors, and the History of a Disorder.* (Princeton, NJ: Princeton University Press, 2011).

## ARTICLES IN PEER-REVIEWED JOURNALS

“Birdwatching and Baby-Watching’: Niko and Elisabeth Tinbergen’s Ethological Approach to Autism.” *History of Psychiatry*. 21, 2 (2010): 176-189.

“Fieldwork on Another Planet: Social Science Perspectives on the Autism Spectrum Disorders.” *BioSocieties*. 3, 3 (2008): 325-341.

“Understanding Autism: Parents and Pediatricians in Historical Perspective.” (with Jeffrey Brosco). *Archives of Pediatrics and Adolescent Medicine*. 161, 4 (2007): 392-398.

## BOOK CHAPTERS

“Desperate and Rational: Of Love, Biomedicine, and Experimental Community,” in Sunder Rajan, Kaushik ed. *Lively Capital: Biotechnologies, Ethics and Governance in Global Markets*. (Durham, NC: Duke University Press, in press, 2012).

Entries on “Leo Kanner,” “Asperger’s Syndrome,” and “Autism Society of America,” in Susan Burch, ed. *Encyclopedia of American Disability History*. New York: Facts on File, 2009.

“Brains, Pedigrees and Promises: Lessons from the Politics of Autism Genetics,” in Gibbon, Sahra and Novas, Carlos, eds. *Biosocialities, Genetics and the Social Sciences: Making Biologies and Identities*. (London: Routledge, 2008): 38-55.

## OTHER PUBLICATIONS

“Disease in History, History in Disease: An interview with Charles Rosenberg.” *BioSocieties*, 8 no. 3 (2013): 360-368.

“How Do You Spot a Healthy Honey Bee?” *LIMN* no. 3. (July 2013). Online at <http://limn.it/how-do-you-spot-a-healthy-honey-bee/>

“Autism and Genetics.” (with Martha Herbert). *GeneWatch*. 16, 1 (2003).

## REVIEWS

Review of O’Connor, Candace. *Hope and Healing: St. Louis Children’s Hospital: the First 125 Years*. St. Louis Children’s Hospital, 2006. *Archives of Pediatrics and Adolescent Medicine*. 161 (2007): 620-621.

“The Hope, Hype and Promise of Biotechnology.” Essay review of Charles, D. 2001. *Lords of the Harvest: Biotech, Big Money and the Future of Food*. Cambridge, MA: Perseus, and Robbins-Roth, C. 2002. *From Alchemy to IPO: The Business of Biotechnology*. Cambridge, MA: Perseus. In *Journal of the Chemical Heritage Foundation*, (2002).

“Molecular Stories.” 2001. Essay Review of Gottweis, H. 1998. *Governing Molecules: the Discursive Politics of Genetic Engineering in Europe and the United States*. Cambridge: MIT Press. In *Science as Culture*, 10, 2 (2001): 255-263.

## INVITED TALKS

### **Vassar College, May 5, 2013.**

Invited Talk: "Love is a Technique: Autism Research and Science Studies."

### **Center for American Literary Studies Symposium on "Nerds, Wonks, and Neocons," Penn State University, April 29, 2013.**

Invited Talk: "Autism, Security, and the Unruliness of Special Interests."

### **University of Michigan Disability Studies Initiative (UMInDS), March 2013.**

Invited Roundtable Participant, Symposium on Neurodiversity and Autism.

### **Drexel University, January 2013**

Invited Talk: "Uncertain Illnesses and the Practical Implications of Care."

### **Pennsylvania Association of Rehabilitation Professionals (PARF) Annual Conference, September, 2012.**

Invited Talk: "Disability Rights, Neurodiversity, and Rehabilitation: Finding Common Ground."

### **Institute for the Arts and Humanities "Robot Weekend," Penn State University, University Park, PA, April 2012.**

Invited Talk: "Robot Zombies and Therapeutic Playmates."

### **English Department, Penn State University, University Park, PA, October 2011.**

Invited Talk: "Autism, Love, and Labor."

### **Critical Autism Studies Workshop, University of Ottawa, Canada, September 2010.**

Invited Talk: "Autism's Prosaic Technologies."

### **State University of New York, Stony Brook, NY, May 2010.**

Invited Talk: "Parents Speak: Autism and the Ethics of Treatment."

### **"Bodies and Boundaries" Graduate Conference, Penn State University, University Park, PA, October 2009.**

Closing Remarks.

### **Vital Politics III, London, UK, September 2009.**

Keynote: "Parents Speak: Autism and the Ethics of Treatment."

**Untangling Selfhood: The History and Experience of Alzheimer's Disease. Penn State University, State College, PA, March 2007.** "Childhood, Parenthood, Love and Disability" (Discussant for "Unrecognized States: Autism and the Many Republics of Consciousness" by Ralph Savarese as part of panel on "Cognitive Disability and Normalization")

### **Pennsylvania Association of Rehabilitation Professionals (PARF) Annual Conference, September, 2006.**

Keynote: "Representing People With Disabilities."

### **The Hastings Center, Cold Spring, NY, July 2006**

Invited Talk: "Ethical Questions in Autism Treatment"

### **Young Scholar Conference, Cornell University, April 2006**

Commentator for "Human Genomics as Identity Politics," by Christine Hauskeller.

**Bioethics Society of Cornell, April 3<sup>rd</sup>, 2006.**

“Ethics and the Autism Spectrum: Neurodiversity, Treatment, and Accommodation.”

**BIOS Program, London School of Economics, June 2005.**

“Social Studies of Autism Spectrum Disorders” (Workshop Presentation)

**Autism One 2004 Conference, Chicago, IL, May 2004.**

“Medical Authority in American History: Notes Toward Possible Interventions.”

**Science, Technology and Society Program, Vassar College (Workshop Presentation), April, 2003.** “Parent Advocacy Groups in Autism Research: Partiality, Biosociality and Social Movements.”

## **PRESENTATIONS**

**Center for Pollinator Research Symposium. Penn State University, University Park, PA. May 2012.**

“Pollinator Health Problems as Contested Illnesses: A Social Study of Knowledge Production.”

**Society for Social Studies of Science, Cleveland, OH, Nov. 2011.**

Participant: “Author Meets Critics Session on *The Autism Matrix* by Gil Eyal.”

**American Anthropological Association, Philadelphia, PA, Dec. 2009.**

Paper: “Autism’s Prosaic Technologies.”

**Vital Politics III, London, UK, September 2009.**

Paper: “Making Neurodiversity Self-Evident,” Contribution to Neuro Panel, “Neurodiversity as an Existential Value.”

**Cheiron: the International Society for the History of Social and Behavioral Sciences, State College, PA, June 2009.**

Paper: “Partial and Whole Persons: Disability Studies and the History of the Behavioral Sciences,” A Contribution to the Roundtable Discussion, “Disability Studies and the Human Sciences”

**American Anthropological Association, Washington, DC, November 2007.**

Paper: “Making Autism a Chronic Illness.”

**Society for Social Studies of Science, Montreal, Quebec, October 2007.**

Paper: “Changelings, Cousins, Aliens and the Search for Autism Genes.”

**Society for Social Studies of Science, Vancouver, BC, November 2006.**

Panel Co-Organizer with Gabriella Coleman and Alex Choby: “Contested Illnesses: Ambivalence and Advocacy in the Age of Technology.”

Paper: “Love is a Technique as Well as an Emotion: Parents as Experts in Autism Research.”

**Science Studies Research Group, Cornell University**

“Desperate and Rational: Parents and Professionals in Autism Research.” January 23, 2006.

**Autism and Representation: Writing, Cognition, and Disability (Hosted by the Society for Critical Exchange), Case Western Reserve University, Cleveland, OH, October 28-30, 2005.**

“From Disorders of Affect to Mindblindness: Framing the History of Autism Spectrum Disorders.”

**Lively Politics: Biotechnologies, Ethics, and Governance in Global Markets, Irvine, CA, November 2004.**  
“Interest Groups, Social Movements, or Corporations?: Strategies for Collective Action as Biological Citizens.”

**Society for Social Studies of Science/EASST, Paris, France, August 2004.**  
“Epidemiologists and Angry Moms: the Vaccine/Autism Controversy as Public Science,”

**“Clinical Trials and Tribulations” Workshop, MIT, January 2004.**  
“Economies of Credibility and Hope in Clinical Trials for Autism Therapeutics.”

**Society for Social Studies of Science, Atlanta, GA, October 2003.**  
Panel Co-Organizer: “Biologies of Multiplicity: Lively Bodies, Life Histories and Livable Lives.”  
Paper: “Of Signs and Symptoms: Theorizing Variety in Mental Personhood for the 21<sup>st</sup> Century.” (Co-Presented with Jeanette Simmonds).

**Science Studies Research Group, Cornell STS, September, 2003.**  
“Symbioses: Coevolution and Cooperation in Theory and Practice.” (Joint Workshop Presentation with Jeanette Simmonds).

**“Vital Politics: Health, Medicine and Bioeconomics into the Twenty-First Century” Conference, London School of Economics and Political Science, September 2003.**  
“Brains, Pedigrees, and Promises: the Material Politics of Autism Research.”

**Society for Social Studies of Science, Milwaukee, WI, November 2002.**  
Panel Co-Organizer: “Biotechnology in the Public Sphere: Information, Advocacy and Critique.”  
Paper: “Chronicity and Contestation: Biomedicine as Critique.”

**“Sex Norms/Sex Agents,” Center for Gender Studies, University of Chicago, May, 2001.**  
“Genitals, Cells, and Other Biotechnical Things: Making Use of the Legal Subjects of Biology.”

**Society for Social Studies of Science/EASST, Vienna, Austria, September, 2000.**  
“Ethical Pharmaceuticals?: Patent Medicines, Prescription Drugs, and the Social Mechanisms of Pharmaceutical Manufacture from the Turn of the Century.”

**University of Pennsylvania Ethnohistory Workshop, September 2000.**  
“Mnemonic Devices”: Commentary on “Darwin’s Savage Mnemonics” by Cannon Schmitt.

**European Social Sciences History Conference, Amsterdam, Netherlands, April 2000.**  
“Deciphering Sex and Fixing Gender: Technology and the Construction of Sex Chromosome Anomalies, 1950 to the Present.”

## **OTHER PROFESSIONAL ACTIVITIES**

**Associate Editor,** *BioSocieties*, April 2009-present.

**Presenter.** Huck Co-Hire Seminar. December 2011.

**Roundtable Participant.** “Bad Futures” Film Festival, Penn State University, October 2010.  
Event sponsored by the Institute for the Arts and Humanities.

**Film Introduction.** “Bad Futures” Film Festival, Penn State University, October 2010.  
Event sponsored by the Institute for the Arts and Humanities. Introduced *Code 46* (2003).

**Participant. “Inside the Scientist’s Studio.” Penn State University, January 2010.**

Interview series produced by the Women in the Sciences and Engineering Institute.

**Roundtable Participant, “Understanding Autism: Childhood to Adulthood,” March 2009.**

Part of the WPSU TV Common Ground Lobby Talks series.

**Editorial Board, *BioSocieties*, September 2008-present.**

**Discussant, American Anthropological Association, Washington, DC, November 2007.**

Panel on “Autism and Intersubjectivity Across Life-Worlds.”

**Participant, “Cognitive Science, Disability, and Selfhood: A Conversation with Novelist Richard Powers,” Penn State University, April 2007.**

**Participant, “Teaching the Self: Ways of Defining and Constituting ‘Personhood,’” Penn State University, April, 2007.**

Interdisciplinary Panel Discussion for Instructors

**Discussant, Society for Social Studies of Science, Vancouver, BC, November 2006.**

Panel on "The Silent Treatment – How patients, parents and practitioners are selectively silenced in mental health encounters."

**Media Appearance.** Appeared in BBC “Horizon” documentary on Temple Grandin, Broadcast on BBC in 2006. (Filmed October 4<sup>th</sup>, 2004, New York City).

**Invited Workshop Participant.** Mini-seminar on Autism and ADHD, Robert Wood Johnson Health and Society Scholars Program, Columbia University. November 4<sup>th</sup> and 11<sup>th</sup>, 2005.

#### **Journal Referee**

*Sociology of Health and Illness, Social Studies of Science, BioSocieties, Cultural Anthropology, Journal of Autism and Developmental Disorders, Social Science & Medicine, Qualitative Sociology, Ethos, American Ethnologist, Insects, Public Culture, Science, Technology, and Human Values.*

#### **External Reviewer**

Social Sciences and Humanities Research Council of Canada (2013)

National Science Foundation (2011, 2012)

University of Minnesota Press (2012)

#### **Dissertation and Thesis Committee Memberships (with Date of Graduation and Placement)**

Rachel Moran, Penn State University, History Department. “Bread and Butter Politics: Federal Policy on Fitness and Figure, 1880-1969.” (current)

Martine Lappe, University of California, San Francisco, Sociology Department. “Complexity and Cause: Genes, Environment, and “Enriched Risk” in Research on Autism Spectrum Disorders.” (2012, Postdoctoral Fellow at UCLA)

Katherine Johnson, Penn State University, Sociology Department. “Complex Reproduction: Gamete Donation in the Contemporary U.S.” (2012, Tulane University)

Sarah Birge, Penn State University, English Department. “Neurofictions: Narrative, Selfhood, and Cognitive Disability in Neuroscience and Contemporary Literature.” (2012, Rice University)

Jennifer Wagner, Penn State University, Anthropology Department. “Implications of DNA Ancestry Tests.” (2010, postdoctoral fellowship at Penn Center for the Integration of Genetic Healthcare Technologies)

Jennifer Singh, University of California, San Francisco, Sociology Department. Member of Dissertation Committee, 2008-2010. “Autism Spectrum Disorders: Parents, Scientists, and the Interpretations of Genetic Knowledge.” (2010, Georgia Institute of Technology)

Chrystal Honsaker, Penn State University, Youth and Family Education. Member of M.A. Thesis Committee. “Review of the Literature of Animal-Assisted Interventions: Benefits of Service Dogs for Children with Autism.” (2009)

### **Other Advising**

Elina Lastro Niño, Penn State University, Entomology Department. Postdoctoral Co-Mentor. “Breeding Honey Bees: from Evolutionary and Functional Genomics to Sociology.” AFRI NIFA Fellowships Grant Program.