

HANNA ROSE SHELL

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Academic Positions

- 2008- Assistant Professor, Program in Science, Technology and Society,
MIT. Affiliated Faculty, Comparative Media Studies.
- 2006 Visiting Professor, Rhode Island School of Design

Education

- 2007 Ph.D., Department of the History of Science, Harvard University.
*Committee: Peter Galison, Katharine Park, Alexander Nemerov,
D. N. Rodowick.*
*Dissertation: Hide and Seek: Camouflage, Animal Skin and the
Media of Reconnaissance.*
- 2002 M.A., Program in American Studies, Yale University.
- 1999 B.A., History and Science, Harvard University. *Summa Cum
Laude.*

Grants, Honors and Awards

- 2009 MIT-SHASS Learning & Teaching Award to develop courses “The Rise
of Modern Science” and “Science and the Cinema: Experiments on Film.”
- 2008 Junior Fellowship, Harvard Society of Fellows (3 years).
Museum of Modern Art Short Film Award for *Secondhand (Pepe)*.
- 2007 Predoctoral Fellow, Max Planck Institute for the History of Science.
Institute for Historical Research Dissertation Fellowship.
Best Filmmaker Award, International Science Film Festival for
Locomotion in Water.
- 2006 U.S. Army Military History Fellowship in Military History
- 2005 Massachusetts Foundation for the Humanities Media Preproduction
Award.
Minda de Gunzberg Center for European Studies Research Award.

- Best of Festival, Lago International Film Festival for *Locomotion in Water*.
- 2004 Charles Warren Center Research Award.
Jewish Studies Center at Harvard Award.
Harvard Graduate Society Award for Study and Travel.
- 2003 Best Graduate Student Conference Paper, American Academy of the Sciences.
Graduate Society Summer Research Award.
- 2002 Andrew W. Mellon Fellowship in Humanistic Studies.
Jacob K. Javits Fellowship (2002-2006).
- 1995-99 Thomas Temple Hoopes Prize (1999), Junior Phi Beta Kappa (1998), Phi Beta Kappa Iota Research Prize (1998), Harvard-Radcliffe Research Fellow (1998), Detur Book Prize (1996).

Publications

Books

Hide and Seek: Camouflage, Photography, and the Media of *Reconnaissance* (New York: Zone Books, forthcoming).

Articles

"Creeping into the Frame of Scientific Cinematography," *Journal of Visual Culture* (under review).

"The Crucial Moment of Photographic Deception: Abbott Handerson Thayer's Law of Protective Coloration," *Cabinet* 33 (Spring 2009): 17-30.

"It Came from the East: Oriental Bittersweet and Botanical Invasion," *Bidoun* 17 (Summer 2009): 81-85.

"Ole Cloes." *Thresholds* 34 (Fall 2007): 67-70.

"Textile Skin" *Transition* 96 ed. Henry Louis Gates Jr. and Kwame A. Appiah (Fall 2006): 151-163.

"The Face of Extinction: The Case of Martha the Last Passenger Pigeon," *Natural History Magazine* (May 2004).

"Casting Life, Recasting Experience: Bernard Palissy's Occupation between Maker and Nature," *Configurations* 12 (Winter 2004): 1-40.

“Skin Deep: American Taxidermy, Embodiment and Extinction,” in *The Past, Present & Future of Natural History Museums* (San Francisco: Academy of Sciences, 2004), pp. 88-112.

“The Last Wild Buffalo,” *Smithsonian Magazine* (February 2000): 26-32.

Book Chapters

“Salvaged Clothing and Global History” in *Spreadable Media* ed. Henry Jenkins (New York: NYU Press, forthcoming).

“Earthworks: The Ceramic Display of Natural Knowledge in Clay” in *Between Market and Laboratory: Materials and Expertise in Early Modern Europe* ed. Ursula Klein and Emma Spary (Chicago: University of Chicago Press, 2010), pp. 1-40.

“Things Under Water: Etienne-Jules Marey’s Aquarium Laboratory and Cinema’s Assembly,” in *Dingpolitik: Atmospheres of Democracy*, ed. Bruno Latour and Peter Weibel. (Cambridge: MIT Press, 2005), pp. 326-332.

“Soul in the Skin: William T. Hornaday and the Buffalo Group, 1896-1996” in *The Extermination of the American Bison [1889]* by W. T. Hornaday (Washington DC: Smithsonian Institution Press, 2002), pp. vii-xxii.

Documentary Films

Secondhand (Pepe) (2007), an experimental documentary about the history and politics of the secondhand clothing industry. Distributed by Third World Newsreel (TWN), Official Selection, Slamdance Film Festival 2008; Honorable Mention, Black Maria Film and Video Festival 2008, Best Documentary, Brooklyn Arts Council Film Festival 2007; Best Musical Score, Rhode Island International Film Festival 2007; Screenings at the Society for Science & Literature Conference 2007, The Harvard Film Archive, Wellesley College; Smith College; Laredo Experimental Art Festival, Nanjing Normal University, Bangkok Community Gallery; Society for Cinema and Media Studies Annual Conference Special Screening. Screenings at Museum of Modern Art (Documentary Fortnight), Museum of Modern Art Outstanding International Shorts, FOKAL, Port-au-Prince, Haiti, Ciné Institute, Jacmel, Haiti.

Locomotion in Water (2005), a portrait of Etienne-Jules Marey. Produced at the Film Study Center at Harvard. Screened at: Anthology Film Archives (New York City) 8/06; Cinema Arts Centre (Huntington, NY) 8/06; Orphans Documentary Film Conference (Columbia, NC) 05/06. Center for the Arts at SUNY (Buffalo, NY) 11/05; Margaret Mead Film And Video Festival (New York City) 11/05; TopKino! (Vienna, Austria) 10/05; Scinema: International Festival of Science Film (toured throughout Australia and New Zealand) 8/05; Lago International Film Festival (Treviso, Italy), 7/05, won “Best of Festival Award;” Naples International Film Festival (Naples, Italy) 6/05. First Place, Best Young Director, International Science Film Festival (Milan, Italy), 2008.

The Polyvocal Object: An Interactive Multi-media Exhibit (2004). Produced in collaboration with the Collection for Historical Scientific Instruments at Harvard. Co-directed with Peter Galison. Installed outside the permanent gallery of the Harvard Museum of Historical Scientific Instruments.

Teaching Experience

At MIT

“The Rise of Modern Science.” STS 003, 70 students, co-taught with David Kaiser, developed as “tier 1” as part of new STS undergrad curriculum. Lectured twice weekly. Fall 2009.

“Science and the Cinema: Experiments on Film.” STS 056. Combined lecture and seminar course. Spring 2010. Website:
<http://web.mit.edu/~hrshell/www/sciencecinema/Home.html>

“Research Seminar: Science, Technology and Society.” STS 390. Seminar on research methods and project development, culminating in drafted journal article.

At other institutions:

Rhode Island School of Design (RISD)

“Making Science: Models, Images and the Production of Natural Knowledge, 1500-2006.” Developed lecture course syllabus, lesson plans, studio sessions, and laboratory assignments for innovative, interdisciplinary introduction to the histories of science and art. Lectured twice weekly and met with students. January-June 2006.

Invited Seminars and Colloquia

Co-organizer, “Fingers, Eyes and Screen: Science, Art and Media,” a colloquium series offered jointly by the Program in Science, Technology and Society at MIT and the Harvard Department of the History of Science.

“Camouflage: Machine Project,” Los Angeles, CA, January 17, 2009.

“Rags, Bones, Bottles,” Documentary Fortnight, Museum of Modern Art (MOMA), New York, NY, February 14, 2009.

“Artist’s Talk: Camouflage Media,” Amherst College, Amherst MA, April 2009.

Keynote Speaker, “Cinema Nature, Ecology,” University of Chicago, April 2009.

“Filmcraft as Fieldcraft,” Sarah Lawrence College, Bronxville, NY, April 2009.

“Lives and Afterlives of the Social Fabric,” Caribbean Studies Colloquium, Smith College, Northampton, MA, April 21, 2009.

“Pepe in Haiti,” FOKAL (Open Society), Port-au-Prince, Haiti, May 27, 2009.

“Pepe,” Museum of Modern Art, New York, NY, June 3, 2009.

“Productive Mimesis and the Art of Disappearance, Performing Science,” University of Pennsylvania, Philadelphia, PA, July, 2009.

“Creeping into the Frame of Scientific Cinematography,” Visible Evidence XVI, USC School of Cinematic Arts, Los Angeles, CA, August 14, 2009.

“How Not to be Seen,” Comparative Media Studies Colloquium Series, M.I.T., September 24, 2009.

“Art and Science in Action,” Special Series *PLATFORM* at the DeCordova Museum, Lincoln, MA, December 2009.

Chair and Organizer, Co-Plenary Session “Science & Cinema: Audio-Visual Science Pedagogy,” History of Science Society Annual Meeting, 2007.

“Productive Mimesis and the Media of Disappearance: Abbott Thayer's Modeling of Invisibility in Nature, 1890-1918,” UC Berkeley Center for New Media, March 2007.

“Hide and Seek: Camouflage and Modern War,” Department of War Studies at King's College, London, February 2007.

“A Cultural History of Camouflage,” U.S. Army Public Lecture Series, August 2006.

“On the Diorama: Reflections on Taxidermy,” with Hiroshi Sugimoto and Steve Quinn, American Museum of Natural History in New York, February 2006.

Selected Conference Presentations

“Old Clothing as Portable Technology,” Society for the History of Technology Annual Meeting, Pittsburgh, PA, October 16, 2009.

“Cross-Cultural Filmmaking: Secondhand,” Arlington, VA, February 12, 2009.

“Chameleonic Cinema: Filming the Science of Strategic Concealment,” History of Science Society Annual Meeting, Washington DC, November 2007.

“Len Lye, Experimental Film and the Inculcation of the Documentary Subject,” Society for Cinema and Media Studies Annual Meeting, Chicago, March 2007.

“Productive Mimesis and the Art of Disappearance: On Camouflage,” History of Science Society Annual Meeting, Vancouver, November 2006.

“Deleuze under Water: On Cinema’s Post-Modern Assembly.” Interval: A Media Studies Conference/Confluence at SUNY, Buffalo, NY, November 2005.

“Hide: Reframing American Wartime Natural History and the Diorama Movement.” HSS Annual Meeting, Austin, TX, November 2004.

“Casting Life: Bernard Palissy’s Occupation between Maker and Nature,” HSS Annual Meeting, Cambridge, MA, November 2003.

“Embodying Extinction.” Featured paper in symposium “The Past, Present and Future of Natural History Museums.” Awarded “Graduate Student Prize.” American Association for the Advancement of Science Annual Meeting, San Francisco, June 2003.

“The Soul in the Skin: William Temple Hornaday and the Buffalo Group,” HSS Annual Meeting, Milwaukee, November 2002.

Departmental and Institutional Service, MIT

- 2010 Co-organizer, “Fingers, Eyes and Screen: Science, Art and Media” a colloquium series offered jointly by the Program in Science, Technology and Society at MIT and the Harvard Department of the History of Science.
- 2010 Departmental Representative, Automotive Research Development Project.
- 2010 Siegel Prize Committee awarded for the best STS graduate student essay.
- 2009 - STS Undergraduate Curriculum Reform Committee.
- 2009 - Comparative Media Studies Advisory Committee.
- 2009 - 2010 Faculty Advisor, M.I.T. Council for the Arts Sponsored Artists.
- 2008 - 2010 Graduate Admissions, HASTS Graduate Program.

Gallery Installation and Public Artworks

Blind. 2010
Video installation at the Harvard Museum of Natural History March 2010, as part of the exhibition “Bizarre Animals.”

Industrial Melanism. 2008
Installation and screening series, July 2008, at Machine Project, Los Angeles.

Camoufleurs.

2008

Public artwork and performance piece, August 2008. Part of the Bumpkin Island Art Encampment in collaboration with the Island Alliance, the Berwick Research Institute, and Studio Soto.

Other Professional Service

Steering Committee, Forum for the History of Science in America (2007-2009).

Advisory Board, Berwick Research Institute, Boston, MA (2006-).

Peer Reviewer, *Environmental History*.