

Hanna Rose Shell

Faculty Director, Brakhage Center for Media Arts
Associate Professor, Art & Art History, and of
Cinema Studies & Moving Image Arts

1085 18th Street, UCB318
Boulder, Colorado 80309-0318
hanna.shell@colorado.edu

EDUCATION

- Harvard University, Ph.D., 2007, History of Science, Film Study Center Fellow.
- Yale University, M.A., 2002, American Studies, Art & Material Culture focus.
- Harvard College, A.B., 1999, History & Science, *summa cum laude*.

FACULTY POSITIONS

- Associate Professor, jointly appointed in the Department of Art & Art History, and the Department of Cinema Studies & Moving Image Arts, Faculty Affiliate, Department of History, University of Colorado Boulder, 2018-present. Faculty Affiliate, Program in Intermedia Art, Writing, and Performance, 2019-present.
- Eleanor Searle Chair Visiting Professor of History, California Institute of Technology and Huntington Library, Art Museum and Botanical Gardens, 2020-2022.
- Associate Professor of Science, Technology & Society, School of Humanities and Social Sciences, Massachusetts Institute of Technology, 2013-2018.
- Leo Marx Assistant Professor, Program in Science, Technology & Society, School of Humanities and Social Sciences, Massachusetts Institute of Technology, 2010-2013.
- Assistant Professor, Program in Science, Technology & Society, School of Humanities and Social Sciences, Massachusetts Institute of Technology, 2008-2010.
- Junior Fellow of the Harvard Society of Fellows, 2007-2010.

LEADERSHIP POSITIONS

- Faculty Director, Stan Brakhage Center for Media Arts, 2021-present.
- Chair, Program in Intermedia Art, Writing and Performance, College of Media, Communication and Information, University of Colorado Boulder, Fall 2022.
- Director of Graduate Studies, Program in Intermedia Art, Writing and Performance, College of Media, Communication and Information, University of Colorado Boulder, Fall 2022.
- Fellow, Excellence in Leadership Program [ELP], 2019-2020.

PUBLICATIONS

[“*” adjacent to citation designates peer-reviewed]

Scholarly monographs

- *Shoddy: From Devil’s Dust to the Renaissance of Rags*. Chicago: University of Chicago Press, 2020.*
- *Hide and Seek: Camouflage, Photography, and the Media of Reconnaissance*. New York, NY: Zone Books, 2012. [French translation, *Ni vu ni connu* from Zones Sensibles, Brussels, 2014.]*

Edited volumes

- Co-Editor (with Y. Loukissas, L. Forlano, C. DiSalvo, D. Rosner and S. Jackson), edited by Janet Vertesis and David Ribes, *DigitalSTS: A Handbook and Fieldguide*. Princeton: Princeton University Press, 2019.*
- Editor, *William Temple Hornaday’s “Extermination of the American Bison”* [1886], with a new introduction, “Finding the Soul in the Skin,” Washington, D.C.: Smithsonian Institution Press, 2002.*

Selected articles, essays, and book chapters

- “Vanishing and Morality in the Dunes,” catalog essay for Lana Z. Caplan, *Oceano for Seven Generations*. Heidelberg, Germany: Kehrer Verlag, 2023, pp. 16-20.
- “Old Clothes and Academia,” *Selvedge Magazine: The Fabric of Your Life* (March 2023), pp.38-39.
- “The Skin of a Living Thought: Art, Science, Film and STS in Practice,” *Routledge Handbook of Art, Science, and Technology*, Hannah Rogers et. al, ed. London: Routledge, 2022, pp. 81-90.*
- “The Poco of Pocos: Brief Life of a Harvard ‘character’ 1831-1918,” *Harvard Magazine* (Sept-Oct. 2021), <https://www.harvardmagazine.com/2021/08/feature-vita-poco> Winner of the McCord Writing Prize for Distinguished Writing.
- “Alchemy of Rags,” *Tatter Issue 2 EARTH: A Gathering of Material Culture* (May 2021), <https://tatter.org/issues/issue-2/articles/alchemy-of-rags/>
- “Sujets d’évanescence photographique,” *Art et camouflage*, Patrice Alexandre et. al. ed. Editions Beaux-Arts: Paris, 2020, pp. 31-45.*
- “Conversations on the Plurality of Worlds,” *Technology and Culture* 61:1 (January 2020), pp. 239-259.* [Technology and Culture is the flagship journal for the field of the history of technology.]
- “Watching “Chernobyl,” *Technology and Culture* 61:4 (October 2020), with H. Gifford, J. Hagmann, and R. Oldenziel, pp. 1149-1153.*

- “The Documentary Impulse,” *Technology and Culture* 58:3 (July 2017), with Gregg Mitman, pp. 846-855.
- “Devil’s Dust,” *Cabinet: A Quarterly Journal of Art and Culture* 60 (Fall 2016): 1-8. Translated into Czech as “Ďáblův prach” (2017).
- “Digital Histories of Disaster: History of Technology through Social Media” *Technology and Culture* 57:1 (January 2016), with Lisa Onaga, pp. 225-30.
- “Technologist-Historian: Data Visualization Meets the Archive,” *Technology and Culture* 56:1 (January 2015), with Alex Wellerstein, pp. 204-208.
- “Shoddy Heap: A Material History Between Waste and Manufacture,” *History and Technology* 30:4 (2014), pp. 374-394.*
- “Films in the Archive: Hollywood in Detroit,” *Technology and Culture* 55:3 (July 2014), pp. 711-715.
- “Beyond Words: Audio-Visual Media in the History of Technology,” *Technology and Culture* 55:2 (April 2014), pp. 477-485.
- “Ciné-History and Experiments on Film,” *Journal of Visual Culture* 11 16:4 (Winter 2013), pp. 288-306.
- “A Global History of Secondhand Clothing,” *Spreadable Media: Creating Value and Meaning in a Networked Culture*, Henry Jenkins, Sam Ford, and Joshua Green, ed. New York: NYU Press, 2013, <https://spreadablemedia.org/essays/shell/index.html>*
- “Blind: The Phenomenology of Camouflage” in *Sensate: A Journal for Experiments in Critical Media Practice* (December 2012), <https://sensatejournal.com/hanna-rose-shell-blind-on-the-phenemology-of-camouflage/>
- “Locomotion in Water” *Journal of Short Film* 27 (Spring 2012), peer-reviewed DVD publication.*
- “Earthworks: The Ceramic Display of Natural Knowledge in Clay,” *Materials and Expertise in Early Modern Europe*, Ursula Klein and Emma Spary, ed. (Chicago: University of Chicago Press, 2010), pp. 50-70.*
- “It Came from the East: Oriental Bittersweet and Botanical Invasion,” *Bidoun* 17 (Summer 2009), 81-85.
- “The Crucial Moment of Photographic Deception: Abbott Handerson Thayer’s Law of Protective Coloration,” *Cabinet: A Quarterly Journal of Art and Culture* 33 (Spring 2009): 17-30.
- “Ole Cloes,” *Thresholds* 34 (Fall 2007), 67-70.

- “Textile Skin: Lives and Afterlives of the Social Fabric,” *Transition* 96 (2006): 151-163. (Featured and excerpted in *Wilson Quarterly* and *Chronicle of Higher Education*.)
- “Casting Life, Recasting Experience: Bernard Palissy’s Occupation between Maker and Nature,” *Configurations* 12:1 (2006), 1-40.*
- “Things Under Water: Etienne-Jules Marey’s Aquarium Laboratory and Cinema’s Assembly,” in *Dingpolitik: Atmospheres of Democracy*, Bruno Latour and Peter Weibel, ed. (Cambridge: MIT Press, 2005), pp. 326-332.
- “The Face of Extinction: The Case of Martha the Last Passenger Pigeon,” *Natural History Magazine* (May 2004).
- “The Last Wild Buffalo,” *Smithsonian Magazine* (February 2000): 26-32.
- “Skin Deep: Taxidermy, Embodiment and Extinction,” *The Past, Present and Future of Natural History*, A. Leviton, ed. (San Francisco: California Academy of Sciences, 2004).
- “Finding the 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 D.C.: Smithsonian Institution Press, 2002), pp. vii-xxii.*

SELECTED CREATIVE WORKS

- “Sonic Encounters: Poetics and Politics of a High-Altitude Observatory,” a virtual reality experience, with Luke Fischbeck. Premiered November 8, 2023 at 4S (Society for Social Studies of Science) Honolulu: Sea, Sky, Land, Endangered Ecologies, Solidarities.
- “Climax: Conversations on the Plurality of Worlds” with Luke Fischbeck. Multichannel video and ambisonic sound installation. Premiered November 3, 2023 at B2 Gallery.
- “Fibres, skeins, fabrics: Thoughts are thin fibres.” Installation of textiles and video in group show curated by Lenka Delanova, Oblastni Gallery, Jihlava, Czech Republic, 2017.
- *Camouflage*. Solo show of photographic and collage works, Aviary Gallery, Boston, MA, 2012, with multimedia performance events and readings, including a premiere of *Camouflage Suite* (with Jason Sidney Sanford), June-July 2012.
- *Blind*. (Fabrik Films, 2010, with Berwick Research Institute, Harvard Museum of Natural History and Boston Harbor Arts Alliance.).
- “Natural Histories of Blindness.” Video installation at the Harvard Museum of Natural History as part of the exhibition “Bizarre Animals,” March 2010.

- *The Camoufleurs*. Installation and public performance piece with Dan Hisel and Etienne Benson, Bumpkin Island Art Encampment in collaboration with Studio Soto, the Boston Harbor Arts Alliance, and the Berwick Research Institute, August 2008.
- *Industrial Melanism*. Gallery exhibition, video installation and performances, with Sumi Ink Club and Lucky Dragons, Machine Project, Los Angeles, July 2008.
- *Secondhand Pèpè* (Fabrik Films, 2007), filmed on location in Haiti, Canada and the U.S. (selected venues and awards below, combined with *Locomotion in Water*). Writer, Producer and co-directed with V. Bertozzi. Sound by Luke Fischbeck. Fiscal sponsorship by Documentary Educational Resources. Released and distributed by Third World Newsreel.
- *Locomotion in Water* (Fabrik Films, 2006.), filmed on location in France, Italy, and the U.S. (selected venues and awards included below). Writer, Director and Producer. Produced in association with ZKM, 2011. *Selected screenings*: Anthology Film Archives; Museum of Modern Art; Jane Voorhees Zimmerli Art Museum; Maryland Institute of Contemporary Art; The Bluecoat (Liverpool); Bio Ponrepo (Prague); TopKino (Vienna); Black Maria Experimental Film Festival; Margaret Mead Film & Video Festival; Slamdance; Film Festival Jakmel (Haiti); Orphan Film Symposium; Ghetto Biennale (Port-au-Prince); Fondation Connaissance et Liberté (Port-au-Prince); Naples International Film Festival.
- “*Aqua Kinema*” for Making Things Public, a group exhibition curated by Bruno Latour and Peter Weibel, multi-channel video installation, Zentrum für Kunst und Medien (ZKM), Karlsruhe, 2005.
- *The Polyvocal Orrery*. Interactive multimedia exhibition produced in collaboration with Peter Galison, for Collection for Historical Scientific Instruments at Harvard, exhibited 2007-2012.

RECENT PUBLIC SCHOLARSHIP

- Contributor, *Radiolab*, episode “Toy Soldiers,” aired Nov. 3, 2023, <https://radiolab.org/podcast/toy-soldiers>
- Contributor, KGNU’s “A Public Affair,” episode “Talking Textiles and the Trajectory of Sustainable Fashion,” aired Aug. 9, 2023.

CURATORIAL AND PROGRAMMING EXPERIENCE

- Producer and co-organizer of *Living Archive, Living Cinema: Processing the Work of Ken and Flo Jacobs*, Brakhage Center for Media Arts, October 2023. With Tom Gunning (University of Chicago), Azazel Jacobs (Independent Filmmaker) Josh Siegel (Museum of Modern Art), and Andrew Lampert (Independent Curator).
- Co-organizer of *Visions from Colorado: Landscapes and Archives*, with the Brakhage Center for Media Arts, SCMS ExFM & Cinema Arts, at Counterpath, April 2023.
- Producer and co-organizer, *Social Justice on Film Curator Series*, Brakhage Center for Media Arts, in collaboration with Department of Media Studies, February-May 2023.

- Curator, Brakhage Center Artist-in-Residence program, 2021-present.
- Chair of “Multi-disciplinary Histories in Art and Science,” Annual Meeting of Society for Social of Studies of Science, New Orleans, LA. October 2021.
- Curator and screening organizer, Conference on *Technical Landscapes: Aesthetics and the Environment in the History of Science and Art*, Harvard University, Cambridge, MA. April 2017.
- Festschrift co-organizer, “A Cabinet of Wonders,” for “No End of Wonders: A Celebration of the work of Professor of Katharine Park,” Harvard University, Cambridge, MA. June 2015.
- Panel Organizer (with William Rankin and Alex Wellerstein), “Digital Media in Science and Technology Studies,” Annual Meeting of the History of Science Society, San Diego, CA. November, 2012.
- Symposium Organizer (with Alex Csiszar and David Kaiser), “On the History, Philosophy, and Sociology of Science: 50th Anniversary of Thomas Kuhn's *The Structure of Scientific Revolutions*,” Harvard University and Massachusetts Institute of Technology, Cambridge, MA. December 2012.
- Science film festival co-curator, “In)Visible: Spaces, Bodies, Worlds,” Kyoto, Japan, Ritsumeikan University, January 2011.
- Co-organizer and curator of year-long Harvard & MIT event series titled “Fingers, Eyes and Screen: Science, Art and Media,” 2009-2010. With Tom Gunning, Zoe Beloff, Bernhard Dotzler, Lisa Cartwright, Stefan Andriopoulos.

SELECTED AWARDS AND GRANTS

- Volkswagen Stiftung awarded project “Smartness and Wealth” (1.5 million euros) PI Dr. Orit Halpern, Chair of Digital Cultures, Technische Universität Dresden. Project collaborator, 2023-2026.
- Roser Visiting Artist Endowment Award (for Azazel Jacobs), October 2023.
- B2 Creative Residency, at the ATLAS Institute’s B2 Center for Media, Arts & Performance, April 2023.
- Long-term Award, from the Huntington Library, Art Museum and Botanical Gardens, Pasadena, CA, 2020-2022.
- McCord Writing Prize for Excellence in Writing, May 2022. (Awarded to two authors by Harvard Magazine for the best pieces of writing published in 2021.)
- Albert Smith Endowment Award for Survival in the Nuclear Age (through the University of Colorado Boulder), 2020-2023.

- Residential Fellow, Agosto Arts Foundation, Czech Republic, 2017.
- Honorary Jury member, final commissions, Film and Television School of Prague, 2017.
- Leo Marx Career Development Research Award and Chair, 2012-2015.
- Artist-in-residence, Elsewhere Foundation, Greenville, South Carolina, August 2012.
- Artist-in-residence, Machine Project, Los Angeles, July 2012.
- Millard Meiss Publication Award, 2011.
- Junior Fellow, Harvard Society of Fellows, Cambridge, MA, 2007-2010.
- MIT Teaching & Learning Award, for “Science on Screen,” 2009.
- William F. Milton Fund Research Award Winner, 2008-2011.
- Artist-in-residence, Boston Harbor Islands Artists Alliance, August-September 2008.
- Best New Director Award, Scinema International Festival of Science Filmmaking of Milan, 2008.
- Outstanding Short Film Award, Museum of Modern Art, 2008.
- Best Documentary Award, Brooklyn Council International Film Festival 2007.
- Best Musical Score Award, Rhode Island International Festival 2007.
- Residential Scholar, Max Planck Institute for the History of Science, Berlin, Germany, 2006.
- Dissertation Award, Mellon Foundation Institute of Historical Research, University of London, London, UK, 2006.
- Minda de Gunzberg Center for European Studies at Harvard University Fellowship, 2006.
- U.S. Army Dissertation Fellowship in Military History and Material Culture, 2006.
- Fellow in Filmmaking, Harvard Film Study Center, 2004-2006.
- Jacob K. Javits Fellowship, U.S. Department of Education, 2002-2006.
- Massachusetts Foundation for the Humanities Media Award, 2005.
- Best of Festival Award, Lago International Film Festival, 2005.
- Charles Warren Center for Studies in American History Fellowship.

- Best Paper Award, American Academy of Sciences Pacific Division, 2003.
- Andrew W. Mellon Foundation in Humanistic Studies, 2001-2002.

SELECTED INVITED LECTURES AND SYMPOSIA

- “Climax: Conversations on the Plurality of Worlds,” Department of History/Program in History of Science Symposium Speaker, Princeton University, February 2024.
- “Soft Structures in Hard Times: From Devil’s Dust to the Renaissance of Rags,” The Design Lab at University of California San Diego (UCSD), November 2022.
- “Media of Extraction and Abstraction,” Film and Media Studies Colloquium, University of California at Santa Barbara (UCSB), November 2022.
- “Textile Media,” for the Wardrobe Revolution Symposium, Selvedge/London, October 2022.
- Shoddy Fabric,” Museum of Contemporary Art Denver/Denver Center for the Performing Arts. July 2021.
- “Shoddy and Visual Culture,” Program in Visual Culture, California Institute of Technology, Pasadena, CA. May 2021.
- Launch event with Emily Cockayne, University of Chicago Press and the Seminary Cooperative Bookstore, for *Shoddy: From Devil’s Dust to the Renaissance of Rags*. Chicago, IL. Sept 2020.
- “Conversations on the Plurality of Worlds,” Huntington Library, Pasadena, CA. Oct. 2020.
- “Theorizing Textile Waste,” Symposium on Sustainable Fashion and Textile Recycling, New York University, New York, NY. October 2019.
- “High Altitude Observatory,” Documentary Research Symposium on Poetics and Politics, University of California at Santa Cruz, Santa Cruz, CA. May 2019.
- “Shoddy Media,” Department of Visual Arts, University of California at San Diego, San Diego, CA. March 2019. Workshop and artist’s talk.
- “Camouflage: How Not to Be Seen” and “Recycled Media,” both at Bar Ilan University. Tel Aviv, Israel. February 2019.
- “Theory-Practice, Symposium on “Multimodality in the Arts and Humanities,” Whitney Humanities Center, Yale University, New Haven, CT. March 2018.
- “The Disappearance of the Subject,” for colloquium on Art & Camouflage, École des Beaux-Arts, Paris, France. December 2017.

- “Camouflage and Photographic Surveillance: Hide-and-Seek in Science, Art, and War,” Tranzitdisplay and Diffractions Collective, Prague, Czech Republic. June 2017.
- Featured artist and speaker, "The Skins of Things," Bio Ponrepo, Prague, Czech Republic. June 2017.
- Keynote speaker, “Deception” a conference at Department of History of Art and Architecture, Harvard University, Cambridge, MA. December 2016.
- Invited Speaker and panel co-chair, "No End of Wonders: A Celebration of the work of Professor of Katharine Park," Co-organized panel titled “A Cabinet of Wonders,” Harvard University, Cambridge, MA. June 2015.
- “Media Fabric in Art History and Art Practice” Department of Film and Media Studies, and Department of the History of Art and Visual Culture, University of California at Santa Cruz, Santa Cruz, CA, January 2015.
- Plenary Lecture, “History of Waste and Recycling,” Pratt Institute, New York. May 2014.
- “Book-Film-Fabric,” Open Documentary Lab at MIT, Cambridge, MA, March 2014.
- “Camouflage Media and History” at symposium “Materiality: Objects and Idioms in Historical Studies of Science and Technology,” York University, Toronto, Canada. May 2013.
- “Media Fabric: Shoddy and Beyond,” *Fashion Cultures Symposium*, School of Art and Design History and Theory, Parsons the New School of Design, New York, NY. March 2013.
- “Len Lye and Direct Animation and Camouflage in Film,” Conference on “Animation Across Disciplines,” University of Pennsylvania, Philadelphia, PA. September 2012.
- Invited Speaker, “Hide and Seek,” Center for New Media and the Program in Science, Technology and Society, University of California at Berkeley, Berkeley, CA, September 2012.
- Colloquium and workshop events, “Aqua Kinema,” and “Secondhand (Pèpè),” both at the HumLab, Umeå University, Umeå, Sweden. June 2012.
- Featured event, Talk and book launch, Cabinet Event and Gallery Space, Brooklyn, NY, May 2012.
- “Hide and Seek: Camouflage, Photography, and the Media of Reconnaissance,” Program in Science, Technology, and Society, Stanford University, Palo Alto, CA, May 2012.
- “Camouflage Media and Skins of Nature,” Cultural Studies Colloquium, Science & Technology Studies, University of California at Davis, Davis, CA, May 2012.

- “Skins of Nature and Emulsion,” Conference on “Cultures of Preservation: Taxidermy – Animal Skin and Colonial Practice,” Natural History Museum, London, UK. May 2011.
- Keynote Address, “Refashioning Identity: Secondhand Clothing in Haiti,” Mid-America American Studies Association Annual Conference on “The Life of the Object,” University of Wisconsin at Madison, Madison, WI, April, 2011.
- “(In)Visible: Spaces, Bodies Worlds,” Ritsumeikan University, Kyoto, Japan. January 2011.
- Keynote Address, “Lives and Afterlives of the Social Fabric,” Symposium on “Secondhand Culture: Waste, Value, and Materiality,” Bard Graduate Center, New York, NY. April 2010.
- Special Event: Art and Science: Platform 1: Tempest Prognosticator,” DeCordova Museum and Sculpture Park, Lincoln, MA. December 2009.
- “Creeping into the Frame of Scientific Cinematography,” Symposium on “Visible Evidence XVI,” University of Southern California School of Cinematic Arts, Los Angeles, CA. August 2009.
- “How Not to be Seen on Film,” Comparative Media Studies Colloquium Series, MIT, Cambridge, MA. September 2009.
- Productive Mimesis and the Art of Disappearance,” Colloquium on “Performing Science: Science and Theater in the Modern Age,” Annenberg School for Communication, University of Pennsylvania, Philadelphia, PA. July 2009.
- Invited presentation, “Salvage and Art,” Featured Filmmaker Series in collaboration with Third World Newsreel, Museum of Modern Art, New York, NY. June 2009.
- Invited lecture and screening, “Secondhand (Pèpè),” Fondation Connaissance et Liberté (FOKAL), Open Society Institute, Port-au-Prince, Haiti, May 2009.
- Invited lecture and screening, “Secondhand (Pèpè),” Ciné Institute, Jacmel, Haiti
- “Textiles and Community in Haiti: Secondhand (Pèpè),” Bibliothèque du Soleil, Carrefour Feuilles, Haiti. May 2009.
- Keynote Address, “Hide,” Conference on “Cinema, Nature, Ecology,” Department of Cinema and Media Studies, University of Chicago, Chicago, IL. April 2009.
- Colloquium Speaker, “Filmcraft as Fieldcraft: Environmental Camouflage and the Media of Reconnaissance,” Environmental Sciences/STS Colloquium Series, Sarah Lawrence College, Bronxville, NY
- “Lives and Afterlives of the Social Fabric,” Caribbean Studies Forum, Smith College, Northampton, MA, March 2009.

- Special Lecture, “Camouflage Media,” Department of Art and the History of Art, Amherst College, Amherst, MA, March 2009.
- “Rags, Bones, Bottles,” Documentary Fortnight, Museum of Modern Art (MOMA), New York, NY, February 2009.
- “Cross-Cultural Filmmaking: Secondhand,” City of Arlington, Arlington, VA, February 2009.
- Invited Lecturer and workshop organizer, “Industrial Melanism,” Machine Project, Los Angeles, CA, July 2008.
- “Hide and Seek: Camouflage and Modern War,” Department of War Studies at Kings College, London, UK. May 2007.
- “Camouflage and the American Military,” United States Army Center for Military History Lecture Series, Washington D.C. August 2006.
- Invited speaker and discussant at international workshop “The Making of Materials: Science and Technology in the Seventeenth and Eighteenth Centuries,” Max Planck Institute for the History of Science,” Berlin, Germany. July 2006.
- “Locomotion in Art and Water,” Boston University School of Visual Arts, Boston, MA. February 2006.
- “Art/Science Collision: Taxidermy,” symposium with co-presenters Hiroshi Sugimoto and Steve Quinn, American Museum of Natural History, New York, NY. February 2006.
- “Old Clothing as Wearable Technology,” MIT Media Lab, Cambridge, MA. November 2005.
- “Deleuze under Water: On Cinema’s Post-Modern Assembly” at Conference “Interval: A Media Studies Conference/Confluence,” State University of New York at Buffalo, Buffalo, NY. November 2005.
- “Locomotion in Water” and “On the Panorama,” Max Planck Institute for the History of Science, Berlin, Germany. August 2004.
- “Embodying Extinction,” prize lecture for the American Association for the Advancement of Science, Pacific Division Annual Meeting, San Francisco, CA. June 2003.

SELECTED PRESENTATIONS AT PROFESSIONAL SOCIETY MEETINGS

History of Science Society [HSS]

Plenaries organized:

Plenary Session Organizer and Chair, “Science & Cinema: Audio-Visual Science Pedagogy,” Annual Meeting of HSS, Washington D.C., 2008.

Sessions organized:

Chair and organizer (with W. Rankin and A. Wellerstein) "Writing the History of Science through Maps, Films, and other Visual Media," at the Annual Meeting of the History of Science Society, San Diego, CA, 2012.

Presentations delivered:

"High Altitude Observatory: Conversations on the Plurality of Worlds" scheduled for the Annual Meeting of HSS in New Orleans, 2020, panel postponed till 2021 due to Covid.

"Thinking with Audio-visual Media in the History of Science" at the Annual Meeting of HSS in San Diego, CA, 2012.

"Len Lye, Experimental Film and the Inculcation of the Documentary Subject" at the Annual Meeting of HSS in San Diego, CA, 2012.

"Chameleonic Cinema: Filming the Science of Strategic Concealment," at the Annual Meeting of HSS in Arlington VA., 2007.

"Productive Mimesis and the Art of Disappearance: Abbott H. Thayer, Protective Coloration in Nature, and the Modeling of Strategic Invisibility (1890-1920)," at the Annual Meeting of HSS in Vancouver BC, Canada, 2006.

"Hide: Reframing Wartime Natural History and the AMNH Alaska Brown Bear Group," at the Annual Meeting of HSS in Austin, TX, 2004.

"Casting Life: Bernard Palissy's Occupation between Maker and Nature," at the Annual Meeting of HSS in Cambridge, MA, 2003.

"The Soul in the Skin: William Temple Hornaday and the Buffalo Group," at the Annual Meeting of HSS, in Milwaukee, WI, 2002.

Society for the History of Technology [SHOT]

Sessions organized/chaired:

Session chair, "Animation in Technology, Technology in Animation," at the Annual Meeting of SHOT scheduled in New Orleans (remote due to Covid), October 2020.

Session organizer and chair, "Salvage: Reuse and Repurposing in the History of Technology," at the Annual Meeting of SHOT in Portland, ME, October 2013.

Presentations delivered:

"A History of Technology Beyond Words," part of "Digital Histories of Technology" panel (organized by Finn Arne Jørgensen) at the Annual Meeting of SHOT in Albuquerque, NM, October 2015.

“Shoddy Technology: Wool Salvage and Textile Repurposing in the West Yorkshire Heavy Woollen District” part of panel “Salvage: Reuse and Repurposing in the History of Technology,” at the Annual Meeting of SHOT in Portland, ME, October 2013.

“Old Clothing as Portable Technology: Lives and Afterlives of the Social Fabric,” part “STS in Nonwestern Contexts: What Registers Do We Use Now?” panel (organized by Clapperton Mavhunga) at the Annual Meeting of SHOT in Pittsburgh, PA, October 2009

International Communications Association [ICA]

Presentations delivered:

“Hide and Seek: Camouflage, Photography and the Media of Reconnaissance,” part of “Mediating War and Technology” preconference at the Annual Meeting of ICA, May 2011.

Society for Cinema and Media Studies [SCMS]

Sessions organized/chaired:

Organized and chaired (with Charles Musser), “Multi-modal Scholarship and the Scholar-Practitioner Today” at Annual Meeting of SCMS, in Seattle, March 2019.

Presentations delivered:

“Experiments in Mimicry: Animal Camouflage, Chameleonic Film, and the Direct Animations of Len Lye and Stan Brakhage,” part of “Biologies of the Avant-Garde” panel (organized by Jennifer Fay), at Annual Meeting of SCMS, in Philadelphia, March 2008.

“How Not to Be Seen: The Art of Camouflage and the Disappearance of the Subject in the Scientific Military Training Films of Len Lye” part of “The Cinema as Educator” panel (organized by Oliver Gaycken), Chicago, IL, March 2007.

Screenings:

Locomotion in Water and *Secondhand (Pèpè)*, Annual Meeting of SCMS, in Philadelphia PA, March 2008.

Society for the Social Studies of Science

Sessions chaired:

“Multi-disciplinary Histories in Art and Science,” Annual Meeting of Society for Social Studies of Science, New Orleans, LA. October 2021.

Presentations delivered:

“Climax: Conversations on the Plurality of Worlds,” part of panel “Exhibiting Art, Science, and Technology Studies” (organized by Hannah Rogers) at the Annual Meeting of 4S in Honolulu HI, November 2023.

“The Alchemy of Rags,” part of “Alchemical Transformations 2: On Matters of Substance and Change” panel (organized by Heather Paxson and Bradley Jones), at the Annual Meeting of 4S (scheduled in Prague, virtual due to Covid), August 2020.

Exhibitions:

“Sonic Encounters: Poetics and Politics of a High-Altitude Observatory via Virtual Reality” (with Luke Fischbeck) at the Annual Meeting of 4S in Honolulu HI, November 2023.

SERVICE AND ADMINISTRATION

Professional/Community [selected]

- Monograph manuscript reviewer for University of Chicago Press, MIT Press, and Harvard University Press, 2012-present.
- Peer reviewer for: *Isis*, *Environmental History*, *Museums and Society*, *Technology and Culture*, *Journal of Visual Culture*, and *Discourse: Journal for Theoretical Studies in Media and Culture*, 2008-present.
- Grants Advisor and Scholarly Sponsor, National Center for Atmospheric Research, 2019-2020.
- Editorial Advisory Board, *Catalyst: Feminism, Theory, and Techno-Science*, 2014-present.
- Editorial Board, *Technology and Culture* (out of Johns Hopkins University Press), 2014-2021.
- Public history co-editor, for journal *Technology and Culture*, 2019-2021.
- Film and Media Reviewer, *Technology and Culture*, 2014-2019.
- Ferguson Book Prize Committee: Society for the History of Technology, 2013-2017, Ferguson Chair, 2015-2016.
- Short Film Competition Jury, Boston Jewish Film Festival, 2013.
- Founder, director, producer, *Fabrik Films* media production company, 2007-present.
- Executive board member, Berwick Research Institute for Public Art, 2007-2012.
- Steering Committee, Forum for the History of Science in America, History of Science Society, 2007-2009.
- Rhode Island Council for the Arts Filmmaker Grants, Judging Committee, 2006-2009.

At Massachusetts Institute of Technology [selected]

- Multiyear task-force under the Provost and President: “Future Global Implications of edX” for the Task Force on the Future of MIT Education, 2012-2014.

- Siegel Teaching Prize Committee, 2011-2013; SHASS de Florez Fund Committee, 2015-2017.
- School of Humanities and Social Sciences Education Advisory Committee, 2011-2012.
- Chair of Undergraduate Education, Program in Science, Technology, and Society, MIT, 2011-2012; also 2016-2017.
- Undergraduate Curricular Reform Committee Chair, 2010-2013.
- Fundraising around the United States for the Automobile Initiative/Revs Institute Outreach Committee, MIT development project for Institute for the Automobile and Society, 2010.
- Faculty Advisor to the MIT Council for the Arts. 2009-2011.

At University of Colorado Boulder [see also Leadership Positions, p. 1]

- Executive Advisory Council, CU Art Museum, 2022-present.
- Chair of Merit Review and Salary Equity Committees, Department of Art and Art History, 2023.
- Executive Committee, Department of Art & Art History, 2020-2022.
- PUEC [Primary Unit Evaluation Committee] for Sabrina Negri, Department of Cinema Studies and Moving Image Arts, 2022.
- PUEC [Primary Unit Evaluation Committee] for Brianne Cohen, Department of Art & Art History, 2022.
- Boulder Faculty Assembly, BFA Libraries Subcommittee, 2021-2022.
- Faculty Council Representative, College of Media, Communication and Information, 2022.
- ARPAC Provost's Academic Review and Planning Advisory Committee Appointed Member, 2019-21.
- Virgil Grillo Awards Judging Committee [undergraduate and graduate], 2021.
- Boulder Faculty Arts & Sciences Council, 2018-2020.
- Post-tenure Review for Assoc. Professor Françoise Duresse-Stimilli, 2020.
- Merit Review Committee, Department of Critical Media Practice, CMCI, 2019.

- Search Committee Member for TT hire in Department of Art & Art History, 2020.
- Search Committee Member for Director of the Center for Humanities and the Arts/Full Professor Position, 2018-2019.
- PUEC [Primary Unit Evaluation Committee] for Angelica Lawson, Film Studies Program, 2018.
- Grants Committee of Graduate Committee on the Arts and Humanities (GCAH), for Research/Creative Work, Special Event, and Visiting Scholar/Artist Grants, 2018-2020.

TEACHING

University of Colorado Boulder [2018-present]

- Seminar in Critical Theory and the Studio Arts (“Grad Art Seminar”) [grad]; at CU Boulder, Fall 2023; Fall 2022; Fall 2019; Fall 2018.
- Curatorial Studies [undergrad/grad]; CU Boulder, Spring 2018.
- Fact, Fiction, Feminism: The Art of Agnès Varda [undergrad/grad]; at CU Boulder, Fall 2023; Spring 2021.
- Science on Screen[undergrad/grad]; at CU Boulder, Spring 2023; Fall 2021; Fall 2019.
- Introduction to Film Theory & Criticism [undergrad]; at CU Boulder, Fall 2018.
- Visiting Artist Seminar in Critical Studies [undergrad/grad]; at CU Boulder; Spring 2020; Spring 2023.
- Thesis Writing Seminar for Studio Artists and Practitioners [grad]; at CU Boulder, Spring 2021.
- Independent Study [grad]; at CU Boulder, Fall 2023; Spring 2024.
- Cinema Studies & Moving Image Arts Internship, Spring 2023.

California Institute of Technology [2020-2022]

- Science on Screen [undergrad]; California Institute of Technology, Fall 2020; Spring 2022.

Massachusetts Institute of Technology [2008-2018]

- Doctoral Program Seminar in Science, Technology and Society [grad]; at MIT.

- Science on Screen [undergrad]; at MIT.
- Experiments on Film [grad]: at MIT.
- Seminar on Interdisciplinary Research and Writing [grad]; at MIT.
- Technology and Experience [undergrad]; at MIT.
- From Weavings to Wearables [undergrad]; at MIT.
- Introduction to the History of Science [grad]; MIT.
- The Rise of Modern Science [undergrad]; MIT.
- Art, Science & Technology [grad]; MIT.

Rhode Island School of Design [2005-2006]

- Models, Images, and the Production of Natural Knowledge [undergrad]; at Rhode Island School of Design, Fall 2005; Spring 2006. RISDS505.

Harvard University [2004-2005]

- Science and Gender Studies [undergrad]; at Harvard.
- Introductory Methods in the History of Science [undergrad]; at Harvard.

DOCTORAL, MFA and M.SCI.. ADVISING

Massachusetts Institute of Technology

4 Ph.D. and 2 M.Sc. advisees: Lan Li, Ellan Spero, Grace Kim, Alison Lawrence, Gina Badger, and Jia Zhang.

University of Colorado Boulder

- *MFA Thesis Director [in-progress]*
Aunna Moriarty [MFA, IMAP, expected graduation 2024]
- *Committees Advised [completed]*
Román Anaya [MFA, IMAP, 2021]
- Alanna Austin [MFA, Printmaking, 2022]
- Cali Banks [MFA. IMAP, 2021]
- Samantha Bares [MFA. Printmaking, 2021]
- McKenzie Blake [MFA, Film, 2022]

Katheryn Horne [MFA, Printmaking, 2023]

Robert Martin [MFA, Painting & Drawing, 2021]

Ailie Pankonien [MA, Art History, 2018]

Mikey Yates [MFA, Painting & Drawing, 2021]

- *Committees Advised [in-progress]*
Sierra Grove [MFA, Film]

Darija Medic [PhD, Intermedia Art, Writing and Performance]

Cody Norton [MFA, Sculpture and Post-studio Practice]

Nicky Pope [MFA, Film]

Mahda Purmehdi [MFA, Film]

Biyi Wen [PhD, Intermedia Art, Writing and Performance]

LANGUAGES

Advanced French (Speaking and Reading)

Reading German

Reading Latin

Beginning Spanish

Beginning Haitian Kreyol

PROFESSIONAL ASSOCIATIONS

College Art Association

Society for the Social Studies of Science

Society for the History of Technology

History of Science Society

Society for Cinema and Media Studies

Textile Society of America