

**education** Ph.D., History and Sociology of Science, University of Pennsylvania, 1992  
M.A., History and Sociology of Science, University of Pennsylvania, 1988  
S.B., Physics, Massachusetts Institute of Technology, 1986

**positions** Professor, Department of History, Stanford University, 2017-  

- Professor by courtesy, Department of Anthropology, 2019-
- Frank Stanton Foundation Professor of Nuclear Security, 2017-24
- Senior Fellow, Freeman Spogli Institute, 2017-24

*Additional affiliations:*

- Center for African Studies
- Center for Global Ethnography
- Environmental Justice Working Group
- Program in History and Philosophy of Science
- Program in Modern Thought and Literature
- Program in Science, Technology, and Society
- Program on Urban Studies

Professor, Department of History, University of Michigan, USA, 2011-2017

- Program in Science, Technology, and Society, 1999-2017; Director, 2013-15, 2016-17
- Program in Anthropology and History, 1999-2017
- African Studies Center, Associate Director, 2013-14
- Associate Professor, Department of History, 1998-2011
- Associate Chair of Department, 2001-02
- Residential College, 1998-2005

Assistant Professor, Department of History, Stanford University, USA, 1993-98

- Courtesy appointment, Department of French and Italian, 1995-98
- Acting Assistant Professor, Department of History, 1992-93
- Visiting Lecturer, Program in Values, Technology, Science, and Society, 1992

**Associate & Visiting Positions**

- Research Associate, Wits Institute for Social and Economic Research, Wits University, South Africa, 2024-
- Visiting Professor, Sciences Po, France, 2012-13
- Visiting Professor, École des Hautes Études en Sciences Sociales, France, 2012-13
- Visiting Professor, Summer School in Comparative Social Science Studies, University of Oslo, Norway, 2012
- Visiting Professor, Dept. of Technology Management, Technische Universiteit Eindhoven, Netherlands, 2007
- Visiting Scholar, Dept. of Historical Studies, University of KwaZulu-Natal, South Africa, 2003-04
- Visiting Scholar, Dept. of the History and Philosophy of Science, University of Melbourne, Australia, 2001
- Visiting Scholar, Centre de Sociologie de l'Innovation, École des Mines, France, 1989-90 & 1996
- Visiting Scholar, Lars Hierta Fellow, Royal Institute of Technology, Sweden, 1991

## publications

### books

*Residual Governance: How South Africa Foretells Planetary Futures* (Duke University Press, 2023)

- PROSE Award in Government and Politics, Association of American Publishers, 2024
- PROSE Award for Excellence in the Social Sciences, Association of American Publishers, 2024
- Audiobook narrated by April Doty, forthcoming (2024) with Tantor
- Spanish translation by Jaime Landinez Aceros, forthcoming (2025) with Qillca

*Uranium Africain, une histoire globale* (Le Seuil, 2016)

- Revised and abridged French translation of *Being Nuclear*
- Book of the month, *La Recherche*, juin 2016
- Reviewed in *Le Monde Diplomatique*, *Politis*, *Jeune Afrique*, *Télérama*, etc.

*Being Nuclear: Africans and the Global Uranium Trade* (MIT Press and Wits University Press, 2012)

- Martin A. Klein Prize, American Historical Association, 2012
- Robert K. Merton Prize, American Sociological Association, 2013
- Honorable Mention, Herskovits Prize, African Studies Association, 2013
- Susanne M. Glasscock Humanities Book Prize, 2014
- Rachel Carson Prize, Society for the Social Studies of Science, 2016
- Japanese translation, Akashi Shoten, due 2024

*Entangled Geographies: Empire and Technopolitics in the Global Cold War*, editor (MIT Press, 2011).

*The Radiance of France: Nuclear Power and National Identity after World War II* (MIT Press, 1998; 2<sup>nd</sup> edition 2009, foreword by Michel Callon)

- Henry Baxter Adams Prize, American Historical Association, 1999
- Edelstein Prize, Society for the History of Technology, 2001
- Runner-up, Fleck Prize, Society for the Social Studies of Science, 2000
- First paperback edition, 2001; re-publication as an ACLS e-book, 2004

*Le rayonnement de la France: Énergie nucléaire et identité nationale après la seconde guerre mondiale*

- 1<sup>st</sup> edition: Éditions de la Découverte, Collection Anthropologie des Sciences et Techniques, 2004
- 2<sup>nd</sup> edition: Éditions Amsterdam, 2014

*Technologies of Power: Essays in Honor of Thomas Parke Hughes and Agatha Chipley Hughes*, co-editor with Michael Thad Allen (MIT Press, 2001)

## special issues

- “The Anthropocene, Apotheosis of Waste,” Special issue of *Antipode*, co-edited with Rosalind Fredericks and Mohammed Rafi Arefin, 2024.
- “Toxicity, Waste, and Detritus in the Global South: Africa and Beyond,” special issue of *Somatosphere*, Fall 2017. Co-editor with Pamila Gupta.
- “Postcolonial technoscience,” special issue of *Social Studies of Science* Vol. 32, Nos. 5-6 (October-December 2002). Co-editor with Warwick Anderson.

## articles & essays

- “Cenizas del Antropoceno: Omisiones de carbón y estratigrafía tóxica en el puerto de Tocopilla,” with Cristóbal Bonelli, Valentina Figueroa, Damir Galaz-Mandakovic, and Marina Weinberg, *La Revista Colombiana de Antropología*, forthcoming.
- “Carbon Omissions: Toward a Toxic Stratigraphy of Tocopilla, Northern Chile,” with Cristóbal Bonelli, Valentina Figueroa, Damir Galaz-Mandakovic, and Marina Weinberg, in Andrew Barry, ed., *Chemical Exposures: Toxicity in the Anthropocene* (University College London Press, forthcoming 2024).
- “Le nucléaire, une violence coloniale,” in Maria Stavriniaki, ed., *L’Age Atomique* (Musée d’Art Moderne de Paris, 2024).
- “Pas de nucléaire français sans uranium africain,” in P. Singaravélou, A. Asseraf, G. Blanc, Y. Kisukidi, M. Lamotte, eds., *Colonisations. Notre Histoire* (Le Seuil, 2023).
- “Systemic and Epistemic Racism in the History of Technology.” Co-authored with Chandra Bhimull, Edward Jones-Imhotep, Chakanetsa Mavhunga, Lisa Nakamura, and Asif Siddiqi, *Technology and Culture* 63, no. 4 (2022): 935-952.
- “La Terre à l’envers: résidus de l’anthropocène en Afrique,” *L’Afrique des sciences sociales: bas, débats, combats*, special 40<sup>th</sup> anniversary volume of *Politique africaine*, n. 161-162 (2021/1-2): 385-402.
- “No Need to Wash the Goose (a meditation on waste),” in Anna L. Tsing, Jennifer Deger, Alder Keleman Saxena, and Feifei Zhou, eds., *Feral Atlas: The More-than-Human Anthropocene* (Stanford University Press, 2020).
- “Residual Governance Choreographs Violence in the Anthropocene,” in Anna L. Tsing, Jennifer Deger, Alder Keleman Saxena, and Feifei Zhou, eds., *Feral Atlas: The More-than-Human Anthropocene* (Stanford University Press, 2020).
- “Bad Earth,” with Hannah Le Roux, in *e-flux architecture*, August 31, 2020.
- Republished in Nick Axel, Daniel A. Barber, Nikolaus Hirsch, and Anton Vidokle, eds., *Accumulation: The Art, Architecture, and Media of Climate Change* (University of Minnesota Press, 2022).

- “Interscalar Vehicles for the African Anthropocene: On Waste, Temporality, and Violence,” *Cultural Anthropology* 33 (1, 2018): 109-141.
- Most downloaded article in *Cultural Anthropology*, 2018 (in the top 3 through 2020)
  - General Anthropology Division Prize for Exemplary Cross-Field Scholarship, American Anthropological Association, 2019
- “Residue,” *Somatosphere*, Winter 2018.
- Lithuanian translation: “Atliekos,” in special issue on “Dekolonizuojant atomines infrastruktūras: politika, paveldas ir poetika” [“Decolonising Nuclear Infrastructures: Politics, Heritage and Poetics”] edited by Egle Rindzeviciute, ed., *Artnews.lt*, no.33 (September-October 2021). <https://artnews.lt/atliekos-67177>
- “Toxicity, Waste, Detritus: An Introduction,” with Pamila Gupta, *Somatosphere*, Fall 2017.
- “Confronting African Histories of Technology: A Conversation with Keith Breckenridge and Gabrielle Hecht,” with David Serlin, *Radical History Review* 127 (January 2017): 87-102.
- “AHR Conversation: History after the End of History: Reconceptualizing the Twentieth Century,” with Manu Goswami, Adeb Khalid, Anna Krylova, Elizabeth F. Thompson, Jonathan R. Zatlin, and Andrew Zimmerman, *American Historical Review* 121, no. 5 (December 2016): 1567-1607.
- “Nuclearity,” in Ele Carpenter, ed., *The Nuclear Culture Source Book* (Black Dog Publishing, 2016).
- “On the Importance of the Visual...and of Mentoring,” *Technology and Culture* 55 (October 2014): 964-969.
- “Radioactive Excess: Modernization as Spectacle and Betrayal in Postcolonial Gabon” in Peter J. Bloom, Takyiwaa Manuh, and Stephan F. Miescher, eds. *Modernization as Spectacle in Africa* (Indiana University Press, 2014).
- “Invisible Production and the Production of Invisibility: Cleaning, Maintenance, and Mining in the Nuclear Sector,” Daniel Kleinman and Kelly Moore, eds., *Handbook on Science, Technology and Society* (Routledge, 2014): 346-361.
- “The bananization of nuclear things,” *Somatosphere*, 18 November 2013.
- Reprinted as “Nuclear,” in Jennifer Wenzel and Imre Szeman, eds., *Fueling Culture: 101 Words for Energy and Environment* (Fordham University Press, 2017).
  - Spanish translation: “La banalización de las cosas nucleares,” *Antropo Urbana*, 2023.
- “L’Empire nucléaire: les silences des ‘Trente Glorieuses,’” in Céline Pessis, Sezin Topçu, & Christophe Bonneuil, dir., *Une autre histoire des Trente Glorieuses: Modernisation, contestations et pollutions dans la France d’après-guerre* (La Découverte, 2013): 159-187.

- “Nuclear Janitors: Contract Workers at the Fukushima Reactors and Beyond,” *The Asia-Pacific Journal*, Vol 11, Issue 1, No. 2, January 14, 2012.
- “The Work of Invisibility: Radiation Hazards and Occupational Health in South African Uranium Production,” *International Labor and Working Class History* 81 (Spring 2012): 94-113.
- “AHR Conversation: Historical Perspectives on the Circulation of Information,” with Paul Edwards, Lisa Gitelman, Adrian Johns, Brian Larkin, and Neil Safier, *American Historical Review* 116, no. 5 (December 2011): 1393-1435.
- “On the Fallacies of Cold War Nostalgia: Capitalism, Colonialism, and South African Nuclear Geographies,” in Gabrielle Hecht, ed., *Entangled Geographies: Empire and Technopolitics in the Global Cold War*, editor (MIT Press, 2011): 75-100.
- “Hopes for the Radiated Body: Uranium Miners and Transnational Technopolitics in Namibia,” *Journal of African History* 51:2 (June 2010): 213-234.
- Abstracted in: Brian Dolan and Paul Blanc, eds., *At Work in the World: Proceedings of the Fourth International Conference on the History of Occupational and Environmental Health* (University of California Medical Humanities Press, 2012).
- “History and the Technopolitics of Identity: The Case of Apartheid South Africa,” with Paul N. Edwards, *Journal of Southern African Studies* 36:3 (September 2010): 619-639.
- “The Power of Nuclear Things,” *Technology and Culture* 51 (January 2010): 1-30.
- Reprinted in Suzanne M. Moon and Peter S. Soppelsa, eds., *The History of Technology: Critical Readings* (Bloomsbury Press, 2020).
- “Africa and the Nuclear World: Labor, Occupational Health, and the Transnational Production of Uranium,” *Comparative Studies in Society and History*, 51/4 (October 2009): 896-926.
- French translation: “L’Afrique et le monde nucléaire: maladies industrielles et réseaux transnationaux dans l’uranium africain,” in Judith Rainhorn, ed., *Santé et travail à la mine, XIXe-XXIe siècles* (Presses universitaires du Septentrion, 2014).
  - Portuguese translation: “África e o Mundo Nuclear: o trabalho, a saúde ocupacional e a produção transnacional de urânio,” pp. 75-120 in José Manuel Mendes and Pedro Araújo, eds. *Os Lugares (Im) possíveis da Cidadania: Estado e Risco num Mondo Globalizado* (Edições Almedina, 2012).
  - Abstracted in: Brian Dolan and Paul Blanc, eds., *At Work in the World: Proceedings of the Fourth International Conference on the History of Occupational and Environmental Health* (University of California Medical Humanities Press, 2012).
- “The Technopolitics of Cold War: Towards a Transregional Perspective,” with Paul N. Edwards. American Historical Association series in Global and Comparative History, 2007.
- Reprinted in: Michael Adas, ed., *Essays on Twentieth Century History* (Philadelphia: Temple University Press-AHA, 2010): 271-314.

- “Quelques mots coloniaux à propos de la nucléarité exceptionnelle de la France, et de la banalité du nucléaire français,” *Cosmopolitiques* 16 (septembre 2007): 181-195.
- “A Cosmogram for Nuclear Things,” *Isis* 98 (March 2007): 100-108.
- “Nuclear Ontologies,” *Constellations* 13:3 (September 2006): 320-331.
- Reprinted in: Imre Szeman and Dominic Boyer, eds., *Energy Humanities: an Anthology* (Johns Hopkins University Press, 2017): 249-260.
- “Negotiating Global Nuclearities: Apartheid, Decolonization, and the Cold War in the making of the IAEA,” in John Krige and Kai-Henrik Barth, eds., *Global Power Knowledge: Science, Technology, and International Affairs*, in *Osiris* 21 (July 2006): 25-48.
- Reprinted in: Massimo Mazzotti, ed., *History of Science* (Routledge, 2015).
- “Techniques de la guerre froide en perspective mondiale: le nucléaire et l'informatique comme systèmes technopolitiques,” with Paul N. Edwards, in *Deux siècles d'histoire de l'armement en France. De Gribeauval à la force de frappe* (Éditions du CNRS, 2005): 167-178.
- “Colonial Networks of Power: the Far Reaches of Systems,” *Annales historiques de l'électricité*, 2 (juin 2004): 147-158.
- “Globalization meets Frankenstein? Reflections on Terrorism and Technopolitics in the Nuclear Age,” *History and Technology* 19 (March 2003): 1-8.
- Reprinted in: Alan O'Day, ed., *Weapons of Mass Destruction and Terrorism*, series on International Library of Essays in Terrorism (Ashgate, 2004).
- “Rupture-talk in the Nuclear Age: Conjugating Colonial Power in Africa,” *Social Studies of Science* 32:5-6 (October-December 2002): 691-728.
- “Technology, Politics, and National Identity in France,” in *Technologies of Power*, Allen and Hecht, eds. (MIT Press, 2001): 253-294.
- “Authority, Political Machines, and Technology's History” co-authored with Michael Allen, in *Technologies of Power*, Allen and Hecht, eds. (MIT Press, 2001): 1-24.
- “Planning a Technological Nation: Systems Thinking and the Politics of National Identity in Postwar France,” in Agatha C. Hughes and Thomas P. Hughes, eds., *Systems, Experts, and Computers: The Systems Approach in Management and Engineering, World War II and After* (MIT Press, 2000): 133-160.
- “Enacting Cultural Identity: Risk and Ritual in the French Nuclear Workplace,” *Journal of Contemporary History* (October 1997): 483-507.
- “Peasants, Engineers, and Atomic Cathedrals: Narrating Modernization in Postwar Provincial France,” *French Historical Studies* 20:3 (Summer 1997): 381-418.

“Le regard américain sur la politique et la technique dans la nationalisation française,”  
in Laurence Badel, ed., *La nationalisation de l'électricité en France: Nécessité technique ou logique politique?* (Paris: Presses Universitaires de France, 1996):  
531-537.

“Rebels and Pioneers: Technocratic Ideologies and Social Identities in the French  
Nuclear Workplace, 1955-1969,” *Social Studies of Science* 26:3 (August 1996):  
483-530.

“Political Designs: Nuclear Reactors and National Policy in Postwar France,”  
*Technology and Culture* (October 1994): 657-685.

- 2019 Chinese translation (courtesy of the Max Planck Institute for the History of  
Science): 政治设计：核反应堆与“二战”后法国的. 科学史新论:范式更新与视角转换  
2019.
- 2013 Greek translation: «Πολιτικοί σχεδιασμοί: Πυρηνικοί αντιδραστήρες και εθνική  
πολιτική στη μεταπολεμική Γαλλία,» in *Ιστορίες της τεχνολογίας του εικοστού αιώνα:*  
Ηλεκτρικά αυτοκίνητα, Ξύλινα αεροπλάνα, Γαλλικοί αντιδραστήρες, Γυναίκες  
υπολογιστές, Τέλης Τύμπας and Ειρήνη Μεργούπη-Σαβαΐδου, Πανεπιστημιακές  
Εκδόσεις Κρήτης: 163-216.
- 1996 Abbott Payson Usher Prize from the Society for the History of Technology.

“Constructing Competitiveness: the Politics of Engineering Work in the French Nuclear  
Program, 1955-1969,” in *Technological Competitiveness: Contemporary and  
Historical Perspectives in the Electrical, Electronics, and Computer Industries*  
(IEEE Press, 1993): 326-351.

“Living with large scale technology,” *Techniques et cultures* 19 (1993): 73-101.

## reviews

Faeza Ballim, *Apartheid's Leviathan: Electricity and the Power of Technological  
Ambivalence* (Athens, Ohio University Press, 2023), *South African History Journal*  
(forthcoming 2024).

Pierre Fournier, *Travailler dans le Nucléaire* (Armand Colin, 2012), *Revue Travail et  
Emploi* (2013).

Scott Gabriel Knowles, *The Disaster Experts: Mastering Risk in Modern America*  
(University of Pennsylvania Press, 2011), *Isis* 103, No. 4 (December 2012), pp.  
771-772.

Helen Purkitt and Stephen Burgess, *South Africa's Weapons of Mass Destruction*  
(Indiana University Press, 2005), *Journal of Southern African Studies*, 33 (June  
2007), No. 2.

Ben Lewis, director, *Blowing Up Paradise* (First Run/Icarus Films, 2005), in *H-France  
Review* vol. 7 (February 2007), No. 10.

Maurice Daumas, *Le Cheval de César ou le mythe des révolutions techniques* (Editions des Archives Contemporaines, 1991) in *Isis* (September 1993).

Robert L. Frost, *Alternating Currents: Nationalized Power in France, 1946-1970* (Cornell University Press, 1991) in *Technology and Culture* (October 1992).

Edward Kolodziej, *Making and Marketing Arms: the Implications of the French Experience for the International System* (Princeton University Press, 1988) in *Isis*, 79 (December 1988).

## work in progress

*Inside-Out Earth*. Book, photography, and exhibit in collaboration with Potšišo Phasha, research in progress.

“La Gobernanza Residual y sus Abismos,” in Gloria Baigorrotegui and Cecilia Ibarra, eds., *Infraestructuras abismales: comunidades energéticas en la mantención, reparación, mejora o abandono*. Colección IDEA de la Universidad de Santiago de Chile, under review.

“‘Forever Starts Tomorrow’: Refusing Residuality in South Africa’s Anthropocene,” in Cajetan Iheka and Jonathan Howard, eds., *Black Environmentalisms* (Duke University Press, under review).

“Africa’s Anthropocenes: Residual Governance, Regulatory Arbitrage, and the Amplification of Racial Capitalism” in Marion Fourcade, Greta Krippner, and Sarah Quinn, eds., *Political Economy, Rebooted*, under review.

“Element stories of extraction: mapping waste and wastelands in the Witwatersrand,” with Sabina Favaro and Hannah le Roux, for *Environmental Storytelling: Critical World-Making in Architecture*.

Spanish translation of *Residual Governance: How South Africa Foretells Planetary Futures* (Duke 2023) by Jaime Landinez Aceros, in progress.

French translation of *Residual Governance: How South Africa Foretells Planetary Futures* (Duke 2023) by Gabrielle Hecht, in progress.

## public engagement

### project

*Racial Justice in the Nuclear Age: Community-based Knowledge Infrastructures for Environmentally Just Futures.*

Collaboration with the Bayview Hunters Point Community Advocates to create a community-owned public history and archive of environmental injustice in San Francisco's Bayview neighborhood, 2019-22.

### writing

"Le nucléaire, une violence coloniale," *L'Age atomique* (Musée d'Art Moderne de Paris, 2024), 260-264.

"Living in a Future Way Ahead of Our Time," *Public Books*, 14 November 2023.

"You Can See Apartheid From Space," *Parole Compendiums @parole.cc*, 8 November 2023.

"The Uncategorizable Bruno Latour, 1947-2022," with Paul N. Edwards, *The Nation*, 18 October 2022.

"Il faut défendre la liberté de la recherche en sciences humaines et sociales," with Francis Chateauraynaud, Paul Jobin, Sezin Topçu, et al., *Le Monde*, 7 January 2021, p. 25.

"Human Crap," *Aeon*, 25 March 2020.

- Spanish translation: "Mierda" and "Desechables," *Saberes en Acción*, February 2022.
- Catalán translation: "Merda" and "Descartables," *Sabers en Acció*, February 2022.

"Does Chernobyl Still Matter?" *Public Books*, 22 November 2019.

"Air in the Time of Oil," *LA Review of Books*, 21 January 2019.

"The African Anthropocene," *Aeon*, 6 February 2018.

- Reposted in: *Monthly Review*; *Our Place in the World: A Journal of Ecosocialism*; *Millenium Alliance for Humanity and Biosphere (MAHB)*; *Bulletin of the Atomic Scientists*; elsewhere.
- Korean translation: 가브리엘 헥트, "아프리카 인류세," *과학잡지 에피*, 8호 (2019): 58-75. (Translation by the Center for Anthropocene Studies, Korea Advanced Institute for Science and Technology, Seoul).
- Estonian translation: "Aafrika antropotseen," *Vikerkaar*, August 2019.

"Taking on the Technosphere: A Kitchen Debate," with Paul N. Edwards. *Anthropocene Campus: The Technosphere Edition*, Haus der Kulturen Welt, August 2016.

- Republished in *Technosphere Magazine*, May 2019.

"Field Notes from a Nuclear Nerd," *Toxic News*, 3 May 2016.

“Does Africa Really Want Yesterday’s Future?” *The African Technopolitan*, July 2015: 42-46.

“An elemental force: Uranium production in Africa, and what it means to be nuclear,” *Bulletin of the Atomic Scientists*, 68/2 (March/April 2012): 22-33.

- Republished December 2020.

“Nuclear nomads: A look at the subcontracted heroes,” *Bulletin of the Atomic Scientists*, 9 Jan. 2012.

“Uranium from Africa,” *Chimurenga* 14: Everyone Has Their Indian (March 2009).

“Should the IAEA Stay Out of Politics? Can It?” *History News Network*, 8 Oct. 2007.

### exhibits & performance

Contributor, “The Atomic Age,” curated by Maria Stavrinaki, Paris Museum of Modern Art, opening in Fall 2024.

Contributor, “French nuclear imperialism,” with Samia Henni for *Performing Colonial Toxicity*, Framer Framed, Amsterdam, 2023.

“Toxic Invisibility,” with Filip de Boeck for the *Lumumbashi Biennale*, Democratic Republic of Congo, 2022.

“L’obscurité nucléaire en trois déclinaisons,” Théâtre National Wallonie, Bruxelles, Belgium, 2019.

### featured interviews

“Extraction’s Heavy Toll,” *Against the Grain*, KPFA radio, interview by C.S. Soong, June 2024.

“Un monde toxique? Grand entretien avec Gabrielle Hecht,” interview by Birgit Müller and Michel Naepels for *Mondes toxiques, Monde commun. Des anthropologues dans la cité* (Presses Universitaires de France, 2021).

“Untangling Uranium,” interview by Becky Alexis-Martin, *The Extractive Industries and Society*, 19 December 2019. doi.org/10.1016/j.exis.2019.12.009.

“Teaching Infrastructures: A Conversation with Gabrielle Hecht,” interview by Isabel M. Salovaara, Teaching Tools, *Cultural Anthropology - Fieldsights*, August 8 2019. <https://culanth.org/fieldsights/teaching-infrastructures-a-conversation-with-gabrielle-hecht>

“How Extraction Fuels Anthropocenes,” *Edge Effects*, interview by Stepha Velednitsky, February 2019.

“Mining, and Minding, Africa,” *Against the Grain*, KPFA radio, interview by C.S. Soong, April 2018, re-aired October 2018.

“Impact,” Roundhouse Radio, interview by Don Shafer, February 2018.

Cultures of Energy podcast, interview by Dominic Boyer & Cymene Howe, January 2017.

“Le champ des possibles,” *Médiapart*, interview by Jade Linaard & Joseph Confraveux, July 2016.

Portail des humanités environnementales, interview by Patrick Degeorges, April 2016.  
<http://humanitesenvironnementales.fr/fr/les-ressources/les-grands-entretiens?page=3>

“Nuclear Power in France and Beyond,” interview by Myanna Dellinger, *The Global Energy and Environmental Law Podcast*, March 2016.

“Nuclear Ontologies, Technopolitics in Postcolonial Spaces, and the Cold War as Transnational History,” interview by Maximilian Mayer in M. Mayer et al. (eds.), *The Global Politics of Science and Technology*, Vol. I (Springer-Verlag, 2014).  
Previewed on Theory-talks.org, July 2014.

New Books in Science, Technology, and Society, interview by Carla Nappi, November 2013.

“Penser le nucléaire: rencontre avec Gabrielle Hecht,” salon hosted by the Lieu-Dit, Paris, May 2013.

“Technopolitique du nucléaire: entretien avec Gabrielle Hecht,” *Revue des Livres*, n. 11, mai-juin 2013.

“Radio-Activity: Creating Everyday Revolution After Fukushima,” event hosted by Todos Somos Japón/16 Beaver, New York City, October 2012.

*Against the Grain*, KPFA radio, Interview by C.S. Soong, July 2012, re-aired August 2013.

Berfrois, April 2012.

Profile by Patrick Piro, “L’étendard français du nucléaire,” *Politis* n° 862 (juillet-août 2005). Reprinted in *Politis hors série* (février-mars 2011).

## media

### television & film

JoburgToday TV, 2024

“The Atom: A Love Affair,” dir. Vicky Lesley, 2020

“Uranium,” dir. Larbi Benchiha, France Télévisions, 2018

“Terres nucléaires,” dir. by Kenichi Watanabe, ARTE, 2015

Educational clip for La Recherche & Histoire, 2013

“Atomic Africa,” dir. Marcel Kolvenbach, Deutschewelle, 2013.

### *radio*

BBC; CBC; Radio France Internationale; KALA; Voice of America; WORT; KCBS; and more.

### *print & web*

*San Francisco Chronicle; The New York Times; Foreign Affairs; Mother Jones; OneZero; Motherboard (VICE); El País; El Mercurio; Business Insider; NRC Handelsblad; The Daily Beast; Center for Public Integrity; forum; Geographical Magazine; Reuters; Think Africa Press; National Journal; Atlantico.com; Het Financieele Dagblad; and more.*

### **briefings**

City of San Francisco Civil Grand Jury, 2022

US Senate Committee on Investigations, for report on Wall Street Bank Involvement with Physical Commodities, 2014

Institut de Radioprotection et de Sûreté Nucléaire, Fontenay-aux-Roses, France, 2013.

## grants • fellowships • awards

### international & national

**PROSE Award for Excellence in the Social Sciences**, Association of American Publishers, for *Residual Governance*, 2024

**PROSE Award in Government and Politics**, Association of American Publishers, for *Residual Governance*, 2024

Richard Lounsbery Foundation, Officer Grant, for “The Science and Experience of Air Pollution in Africa,” 2024

John Simon Guggenheim Memorial Foundation Fellowship, 2023-24

National Endowment for the Humanities Fellowship, 2021-22

**General Anthropology Division Prize** for Exemplary Cross-Field Scholarship, American Anthropological Association, for “Interscalar Vehicles for the African Anthropocene,” *Cultural Anthropology*, 2019

**Rachel Carson Prize**, Society for the Social Studies of Science, for *Being Nuclear*, 2016

**Susanne M. Glasscock Humanities Book Prize** for Interdisciplinary Scholarship, Melbern G. Glasscock Center for Humanities Research at Texas A&M University for *Being Nuclear*, 2014

**Honorable Mention**, Best Book Prize, African Studies Association for *Being Nuclear*, 2013

**Robert K. Merton Prize**, Science, Knowledge, and Technology section, American Sociological Association, for *Being Nuclear*, 2013

**Martin A. Klein Prize in African History**, American Historical Association, for *Being Nuclear*, 2012

Mellon Foundation, “Joining theory and empiricism in the remaking of the African Humanities: A transcontinental collaboration,” core faculty (PIs Derek Peterson and Keith Breckenridge), 2013-2018

National Science Foundation Scholar’s Award, SES-0848568. PI for “Uranium from Africa and the Power of Nuclear Things,” 2009-11

National Endowment for the Humanities Fellowship, 2009-10

National Science Foundation Doctoral Dissertation Research Improvement Grants:

- SES-1329575. Co-PI Robyn d’Avignon, for her research on “Off the Grid: Informal Energy Entrepreneurship in the Republic of Guinea,” 2013-14
- SES-1155907. Co-PI Davide Orsini, for his research on “Living in the Nuclear Archipelago: Cold War Technopolitics and US Nuclear Submarines in Italy,” 2012-13
- SES-0924564. Co-PI Kenneth Garner, for his research on “Seeing Is Knowing: Objectivity and the Creation of French Visual Culture, 1870-1930,” 2009-10

- SES- 0823211. Co-PI Stephen Sparks, for his research on “Internationalizing Apartheid: The Technopolitics of South Africa's Synthetic Coal-to-Oil Project,” 2008-09

National Research Foundation (South Africa), collaboration with Keith Breckenridge, support for “Technopolitics in Africa,” 2006

Society for the History of Technology, collaboration with Keith Breckenridge, support for “Technopolitics in Africa,” 2006

Nederlandse Organisatie voor Wetenschappelijk Onderzoek (Netherlands), dossier 360-53-020. Participating researcher (PI Harry Lintsen), “Technology and the Civilizing Mission,” 2004-07

National Endowment for the Humanities Collaborative Research Grant, PI, “Technology and Empire in the Nuclear Age: A Global and Local History of Uranium Mining,” with consultant Bruce Struminger, 2004-07

National Science Foundation Grant, SES-0237661. PI for “Technology and Empire in the Nuclear Age: A Global and Local History of Uranium Mining,” 2003-04

National Endowment for the Humanities Fellowship, 2003-04

National Science Foundation Grant, SES-0129823. Co-PI (PI Thomas J. Misa), “Technology in the Making of 20th Century Europe,” 2002-04, extended through 2007

Scheduled Fellow, Center for Advanced Study in the Behavioral Sciences, Stanford, CA, 2002 (declined)

**Edelstein Prize**, Society for the History of Technology, *The Radiance of France*, 2001

**Henry Baxter Adams Prize**, American Historical Association, for *The Radiance of France*, 1999

Frederick Burkhardt Fellowship, American Council for Learned Societies, 2000-01

**Abbott Payson Usher Prize**, Society for the History of Technology, for “Political Designs: Nuclear Reactors and National Policy in Postwar France,” *Technology and Culture*, 1996

National Endowment for the Humanities Research Grant, 1995-96

National Endowment for the Humanities Summer Stipend, 1994

Chancellor’s Ethnic Minority Postdoctoral Fellowship, University of California, Berkeley, 1992 (declined)

**Levinson Prize**, Society for the History of Technology, for “Political Designs: Nuclear Reactors and National Policy in France” (in mss form), 1991

**Newcomen Prize**, Newcomen Society, for “Political Designs: Nuclear Reactors and National Policy in France” (in mss form), 1991

Institute for Electrical and Electronics Engineers Fellowship, 1991-92

National Science Foundation Doctoral Dissertation Research Improvement Grant, 1991-92

National Science Foundation Graduate Fellowship, 1987-90

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International Research Exploration Seed Grant for “African Airs: the science and experience of air pollution in Abidjan & Mpumalanga,” Stanford Research Development office, 2024-25.

Stanford-Tinker faculty research grants for “Inside-Out Earth,” Center for Latin American Studies, Stanford University, 2023-24 and 2024-25.

Seed and collaborative research grants for “African Airs,” France-Stanford Center, 2023-24 and 2024-25.

Course innovation grant for “Racial Justice in the Nuclear Age,” Stanford Global Studies, 2023-25.

Course development grant for “Power in the Anthropocene: Pasts, Presents, Futures,” Doerr School of Sustainability, Stanford University, 2022.

Changing Human Experience grant for “Inside-Out Earth,” with collaborators Paul N. Edwards, Jaime Landinez Aceros, and Alina Bykova. School of Humanities and Sciences, Stanford University, 2022.

Race and Justice Research Initiative grant to support “Racial Justice in the Nuclear Age: Community-based Knowledge Infrastructures for Environmentally Just Futures,” Center for Comparative Studies in Race and Ethnicity, Stanford University, 2021.

Advancing Racial Justice in Teaching grant to support “Racial Justice in the Nuclear Age,” Haas Center for Public Service, Stanford University, 2021.

Sustainability Initiative seed grant, “Environmental Equity and Sustainability at Stanford,” Stanford University, Co-PI, 2020-21.

Course development grant to support “Nuclear Insecurity in the Bay Area and Beyond,” Vice Provost for Undergraduate Education, Stanford University, 2019-20

Cardinal Course grant to support “Nuclear Insecurity in the Bay Area and Beyond,” Haas Center for Public Service, Stanford University, 2019-20

Research grant to support “Nuclear Insecurity in the Bay Area and Beyond,” CISAC, Stanford University, 2018-20

Senior Fellow, Michigan Society of Fellows, University of Michigan, appointed 2016-20, withdrew 2017

Nominated (twice) for Golden Apple Award, undergraduate student-nominated award for outstanding university teaching, University of Michigan, 2015, 2017

Mary I. and David D. Hunting Family Fellow, Institute for the Humanities, University of Michigan, 2015-16

Scholarship/Research Award, for French translation of *Being Nuclear*, University of Michigan, 2014

Michigan Humanities Award, University of Michigan, 2012

Lead Faculty for Environment, Information, and Sustainable Development: the Asia-Africa Nexus, Presidential Junior Faculty Initiative award for a four-person cluster hire in the Department of History, the Department for Afro-American and African Studies, the School of Information, and the School of Natural Resources and Environment. Awarded 2009.

Eisenberg Institute for Historical Studies Faculty Fellow, University of Michigan, 2008-09

South Africa Initiatives Office, University of Michigan, support for workshop on Technopolitics in Africa, 2006

Rackham Faculty Fellowship Enhancement Award, University of Michigan, 2003, 2007, 2009

Faculty Career Development Award, University of Michigan, 2000

Research Partnership Award, University of Michigan, 2000

Course Development Grants for Race, Gender, and Empire in the Nuclear Age, Center for Research on Teaching and Learning, University of Michigan, 1999, 2001

Office of Technology Licensing Grant, Stanford University, 1998

Stanford Humanities Center Dean's Fellow, Stanford University, 1997-98

Kratter Travel Grant, Stanford University, 1997

Hewlett Grant in International Studies, Stanford University, 1995-96

McNamara Faculty Fellow, Stanford University, 1995-96

Dean's Award, Stanford University, 1996

Mellon Fellowship, University of Pennsylvania, 1990-91

University Fellowship, University of Pennsylvania, 1986-87

Sigma Pi Sigma, Physics Honor Society, Massachusetts Institute of Technology, 1985

## lectures • public forums

### talks

*Inside-Out Earth and the Scales of History*

- **O. Meredith Wilson Lecture in History**, University of Utah, 2024

*Carbon Omissions: a conversation about forgotten molecules* with Cristóbal Bonelli, Damir Galaz-Mandakovic, Valentina Figueroa, Jaime Landinez, and Marina Weinberg

- **SHOT Presidential Address Reportage**, Viña del Mar, Chile, July 2024

*Carbon Omissions: Toward a Toxic Stratigraphy of Tocopilla, Northern Chile*, presented by Cristóbal Bonelli, with Damir Galaz-Mandakovic, Valentina Figueroa, and Marina Weinberg

- University College London, March 2024

*Residual Governance: How South Africa Foretells Planetary Futures* (book talk/launch)

- Wits University and Gauteng City-Regional Observatory, South Africa, April 2024
- Edinburgh Centre for International and Global Law, University of Edinburgh Law School, Scotland, February 2024
- Science Studies Student Choice Speaker, University of California San Diego, October 2023
- The Greenhouse, University of Stavanger, Norway, June 2022
- The Davis Center, Princeton University, October 2022

*Gouvernance résiduelle : le futur de la planète vu de l'Afrique du Sud* (book talk/launch – French)

- **Grand Séminaire**, Observatoire Midi-Pyrénées, Université Toulouse III – Paul Sabatier, December 2024
- Université de Paris Cité, February 2024
- Laboratoire des Sciences de la Matière, de l'Environnement et de l'Énergie Solaire, Université Félix Houphouët-Boigny, Abidjan, Côte d'Ivoire, January 2024

*L'air du temps: énergies, résidus et le droit à la respiration*

- Les enjeux de santé en temps de crises : savoirs et gouvernements, XIXe-XXIe siècle. École des hautes études en sciences sociales, Paris, January 2024

*South African Rocks, West African Airs: How Residual Governance Intensifies Racial Capitalism in the Anthropocene*

- Political Economy, Rebooted. University of California, Berkeley, October 2023

*La Gobernanza Residual y sus Abismos*

- Taller Infraestructuras abismales, Chile/online, August 2023

*Refusing Residuality: Elevating the History of Technology in Africa*

- **Keynote**, Technology and Material Culture in African History: Challenges and Potentials for Research and Teaching, Dar es Salaam, Tanzania, January 2023

*Un futuro adelantado a nuestro tiempo: la gobernanza residual y el abismo*

- Society for the Social Studies of Science, Cholula, Mexico (online), December 2022

*Nostalgia and its Perils: on HSS at 50+2*

- **Keynote** panel, History and Sociology of Science 50<sup>th</sup> Anniversary, University of Pennsylvania, October 2022

*Time-Bombed Futures: Residues of the Anthropocene in Africa*

- Black Environmentalisms, Yale University, October 2022
- African Studies Association of Africa, 4th Biennial Conference co-hosted by the Institute for Humanities in Africa, University of Cape Town, April 2022

*Working and Breathing in Global Africa*

- **Keynote**, International Conference on the History of Occupational and Environmental Health, Durban, South Africa, May 2020 – pandemic postponement, delivered November 2023

*Inside-Out Earth: Racial Capitalism and the Ruins of Our Planetary Futures*

- Distinguished Lecture, History of Science Society, New Orleans, November 2021 → pandemic cancellation

*How Race Matters in What Counts as Nuclear*

- Department of Nuclear Engineering, Massachusetts Institute of Technology, 2020

*La Terre à l'envers: résidus de l'anthropocène en Afrique*

- Special event hosted jointly by: Université de Paris Descartes; Centre Koyré; Centre de recherche médecine, sciences, santé, et société. Paris, France, December 2019

*Inside-Out Earth: Residues of the Anthropocene in Africa*

- Narrating the Anthropocene: Memories, Imaginaries, and Knowledges, KAIST Center for Anthropocene Studies & National Folk Museum of Korea, Seoul, December 2019
- Decolonising the Nuclear, Department of Media, Communications and Cultural Studies, Goldsmiths, University of London, UK, October 2019
- Institute for Advanced Studies, University College London, UK, October 2019

*Air in the Time of Oil: Regulatory Arbitrage and Urban Life in Africa*

- Society for the Social Studies of Science, New Orleans, September 2019

*Residual Governance, or How African Anthropocenes Foretell Planetary Futures*

- **Keynote**, Environmental Humanities Workshop, Northwestern University, Chicago April 2019
- Fordham University, New York, April 2019
- WiSER, Wits University, South Africa, March 2019
- Humanities without Boundaries lecture, Center for the Humanities, University of Wisconsin – Madison, February 2019

*Engines of the Anthropocene: Regulatory Arbitrage and Urban Life in Africa*

- African Studies Association, Atlanta, November 2018

*Residual Governance: Mining Afterlives and Molecular Colonialism, seen from an African Anthropocene*

- Center for African Studies, Stanford, November 2018
- Department of Anthropology, University of California – Santa Cruz, April 2018.
- Critical Urbanisms, University of Basel, Switzerland, December 2017
- African Studies Association, Chicago, November 2017
- Technopolitics and Empire: New Directions in Science Studies, UC Berkeley, November 2017

- **Keynote**, STS Underground: Investigating the Technoscientific Worlds of Mining and Subterranean Extraction, Colorado School of Mines, February 2017

*L'uranium africain est-il nucléaire?*

- Laboratoire Interdisciplinaire des Énergies de Demain, Université Paris-Diderot, France, December 2017

*Nuclear AnthroScenes*

- **Keynote**, Making the World Nuclear After Hiroshima, Stanford University, May 2017

*Rethinking the Nuclear Age: a View from Africa*

- **Keynote**, Nuclear Politics, Buffett Institute International Organization/International Law Working Group, Northwestern University, Chicago, April 2017

*Fighting the Technosphere, and other Anthropocenic Angsts (A Kitchen Debate) (with Paul Edwards)*

- Society for the Social Studies of Science, Barcelona, Spain, August 2016

*Topographically Toxic*

- Toxicity, Waste, Detritus Workshop, Durban, South Africa, July 2016

*Making War in Secret for the Future*

- Whose? Reading the Anthropocene and the Technosphere from Africa, Berlin, Germany, April 2016
- Toxic Symposium, Yale University, New Haven, March 2016

*Toxic Tales from the African Anthropocene*

- University of Chicago, June 2016.
- Department of Anthropology, City University of New York Graduate Center, March 2016
- African Studies Association, San Diego, November 2015
- **Keynote**, Technopolitics in Transitional Societies, Tallinn, Estonia, June 2015
- **Keynote**, Dreaming of Health and Science in Africa, Hinxton, UK, June 2015
- Department of History, Stanford University, Palo Alto, April 2015
- **Keynote**, Energy Challenges in the Developing World, UC Santa Barbara, February 2015
- UC Berkeley Geography Colloquium, February 2015
- Consortium for the History of Science, Technology, and Medicine, Philadelphia, January 2015

*Ordering Uranium from Africa*

- Re-imagining the Global Nuclear Order, Oxford University, UK, September 2015

*Waste, Scale, and Materiality in the African Anthropocene*

- Max Planck Institute for the History of Science, Berlin, Germany, May 2015

*Rethinking the Nuclear Age: the View from Africa, and its Implications for Policy*

- Center for International Security and Cooperation, Stanford University, April 2015

*Waste, Value, and Radioactive Excess in Africa*

- **Hans Rausing lecture**, University of Cambridge, UK, May 2014
- Symposium of the Program in Anthropology and History, University of Michigan, February 2014

*The Value and Violence of Waste*

- Society for the History of Technology, Dearborn, November 2014

### *Ontologies of Waste*

- American Historical Association, New York, January 2015
- Kemp Symposium on Geography and History, University of Michigan, October 2014

### *Global Atomic Inequalities: Marginal Work in the Nuclear Sector*

- XVIII World Congress of Sociology, Yokohama, Japan, July 2014

### *Slow Catastrophe*

- Doomsday Clock Symposium, Bulletin of the Atomic Scientists, Washington DC, November 2013

### *L'exploitation de l'uranium en Afrique subsaharienne*

- Séminaire de formation des recherches en Afrique, EHESS, Paris, May 2013

### *À la recherche des archives perdues : du côté du Gabon et de la Namibie*

- Séminaire Les sources de l'histoire du fait colonial, EHESS, Paris, April 2013

### *L'Afrique et le monde nucléaire : maladies industrielles et réseaux transnationaux dans l'uranium gabonais, namibien, et sud-africain*

- Sciences Po – Bordeaux, France, March 2013

### *Nucléarités, marchés, et santés dans l'uranium africain*

- Séminaire Nucléaire, énergie, environnement, déchets, société, CNRS, Paris, France, May 2013
- Université Paris-Sorbonne & Université Pierre et Marie Curie, Paris, France, April 2013
- Séminaire Des communautés internationales et des risques. Science, justice et politique dans les crises contemporaines, EHESS, Paris, France, April 2013
- Les impromptus du CENS, Centre Nantais de Sociologie, Nantes, France, January 2013
- Séminaire Les entreprises face aux tensions entre global et local, EHESS & Collège des Bernardins, Paris, France, January 2013
- Centre de sociologie des organisations, Sciences Po, Paris, France, September 2012

### *Uranium from Africa and the Power of Nuclear Things*

- London School of Economics, UK, March 2013
- National Museum of Scotland, Edinburgh, Scotland, March 2013
- Burden or Benefit? The Future of Nuclear Waste, Kärnavfallsrådet (Swedish National Council for Nuclear Waste), Stockholm, Sweden, November 2012
- Nicholas Mullins lecture, Virginia Tech, Blacksburg, March 2012
- University of Houston, TX, February 2012
- University of Pennsylvania, Philadelphia, October 2011
- Washington University, St. Louis, September 2011
- Eisenberg Institute for Historical Studies, University of Michigan, January 2011
- University of Maryland, College Park, April 2009
- Engaging Africa / Advancing African Studies, University of Michigan African Studies Center Launch Conference, March 2009

### *Le prix de la souveraineté: l'uranium français*

- Séminaire Histoire des relations internationales, Sciences Po, Paris, March 2013.
- Séminaire Guerre et environnement, EHESS, Paris, February 2013.

*Les déchets contre-attaquent : ruines invisibles et excès radioactifs en Afrique*

- Séminaire SPHERE-CEMAf, Mémoires des sciences, traces du développement en Afrique, Paris, January 2013

*Repenser l'histoire de l'ère nucléaire à travers l'uranium africain*

- Département d'histoire, Sciences Po, Paris, January 2013

*Maladies industrielles et réseaux transnationaux dans les mines d'uranium en Afrique*

- Séminaire Histoire environnementale du monde contemporain, EHESS, Paris, November 2012
- Le travail nucléaire
- Séminaire Maladies industrielles et mobilisations collectives, Centre Pouchet, Université de Paris VIII, Paris, October 2012

*Ordinary risks, nuclear things*

- Risk after Fukushima: Crisis, Disasters and Governance, Centre d'études et de recherches internationales, Sciences Po, Paris, September 2012

*Proliferating Markets: the Transnational Trade in Uranium from Africa*

- **Keynote**, European Business History Association & Business History Society of Japan, Paris, August 2012
- **Keynote**, ST Global, National Academies, Washington, DC, March 2012

*Infrastructures of Invisibility*

- Midwest STS, Chicago, May 2012

*Knowing the Invisible: Climate Change, Nuclear Things, and their Entangled Histories (with Paul Edwards)*

- Economic Dinner Group, Ann Arbor, April 2012
- Rice University, Houston, February 2012

*Doing Nuclear Work: Africans and the Global Uranium Trade*

- Brown University, Providence, February 2012

*Dealing with Disasters: Perspectives on Fukushima from the History and Social Studies of Science and Technology*

- Plenary, joint meeting of the Society for the History of Technology, the Society for the Social Studies of Science, and the History of Science Society, Cleveland, November 2011

*Risques professionnels et réseaux transnationaux dans les mines d'uranium en Afrique*

- Centre Pouchet, Université de Paris VIII, Paris, June 2011

*Uranium africain et choses nucléaires*

- Centre de Sociologie de l'Innovation, École des Mines de Paris, Paris, June 2011
- École normale supérieure, Paris, March 2010

*The Price of Sovereignty: Modernity, Development, and the Commodification of Uranium in 1970s Gabon*

- African Studies Association, San Francisco, November 2010

*Souveraineté nucléaire, nucléarité souveraine: l'uranium africain en circulation*

- Centre Alexandre Koyré, École des hautes études en sciences sociales, Paris, March 2010

*Hopes for the Irradiated Body: Uranium Miners, Occupational Exposure, and Transnational Networks in Gabon and Namibia*

- History of Occupational and Environmental Health Conference, San Francisco, June 2010
- African Studies Association, New Orleans, November 2009

*Africa and the Nuclear World: Labor, Occupational Health, and the Transnational Production of Uranium*

- Distinguished Speaker, Maryland Colloquium in History of Technology, Science and Environment, University of Maryland, College Park, April 2009
- Risco e Estado num Mundo Globalizado / Risk and State in a Globalized World, Universidade de Coimbra, Coimbra, Portugal, June 2009
- Science, Technology, and the Environment in Africa, University of Texas-Austin, March 2009

*Proliferating Markets: the Transnational Trade in Uranium from Africa*

- Center for International Security and Cooperation, Stanford University, Palo Alto, February 2009

*Nucléarité, dé/colonisation et uranium africain*

- Nucléaire et développement régional, Université François Rabelais, Tours, France, December 2008

*Nuclear Histories in Europe and Africa*

- Center for World Affairs & the Global Economy, University of Wisconsin, Madison, September 2008

*African Bodies and Nuclear Things: Scenes from the Transnational Production of Uranium*

- Yale University, New Haven, March 2009
- Stanford University, February 2009
- University of Wisconsin, Madison, September 2008
- Technology and Formations of Power, University of California-San Diego, May 2008
- Dangerous Trades: Histories of Industrial Hazard Across a Globalizing World, SUNY, December 2007
- Technische Universiteit Eindhoven, Netherlands, April 2007
- University of Toronto, Toronto, Canada, March 2007

*The Power of Nuclear Things*

- Society for the History of Technology 50th anniversary workshop. Washington, DC, October 2007

*Global Nuclear Geographies: Market Capitalism, Colonial Power, and South African Uranium*

- Bodies, Networks, Geographies: Colonialism, Development, and Cold War Technopolitics, Eindhoven, Netherlands, April 2007

*The Technopolitics of Secrecy and Activism under Apartheid*

- African Studies Association, San Francisco, November 2006

*Scenes from the Nuclear Life of Radon*

- History of Science Society, Vancouver, Canada, November 2006

*Uranium from Africa: Making, Marketing, and Moving the 'Nuclear'*

- Society for the Social Studies of Science, Vancouver, Canada, November 2006

*Technopolitics in the Construction and Destruction of Apartheid South Africa, with Paul N. Edwards*

- Technopolitics in Africa, Ithala, South Africa, July 2006

*Quelques scènes tirés de la vie nucléaire du radon*

- Les risques nucléaires, Université Louis Pasteur/École des Mines, Paris, March 2006

*What's so "nuclear" about uranium mining? Colonial geographies and the constitution of expertise*

- American Society for Environmental History, St. Paul, March 2006

*Peaceful Proliferation? The unlikely history of the IAEA*

- Nobel Symposium, Center for the Study of Complex Systems, University of Michigan, December 2005

*Apartheid Exposures: Health, Secrecy, and Surveillance in South African and Namibian Uranium Production*

- African Studies Association, Washington, DC, November 2005

*Mapping Nuclear Ontologies*

- Bodies, Networks, Geographies: Colonialism, Development, and Cold War Technopolitics, Ann Arbor, October 2005

*Technopolitics and the Translucent State: Apartheid and the Cold War with Paul N. Edwards:*

- Society for the Social Studies of Science, Pasadena, October 2005
- African History Group, University of Michigan, Ann Arbor, April 2005
- Northwestern University, Evanston, April 2005

*Nuclear Ontologies*

- Atomic Sciences, Princeton University, November 2004

*Camouflaging Geopolitics under Apartheid, with Paul N. Edwards*

- Society for the History of Technology, Amsterdam, Netherlands, October 2004

*Is technology redefining Europe in a global context? An American in Southern Africa on the historical sins perpetrated by this question*

- Tensions of Europe First Plenary Conference, Budapest, Hungary, March 2004

*Les réseaux coloniaux d'énergie: aux extrémités des systèmes*

- Networks of Power - 20e anniversaire de l'ouvrage de Thomas P. Hughes, Université de Bordeaux & Maison des Sciences de l'Homme d'Aquitaine, Bordeaux, France, December 2003

*Rupture Talk in the Nuclear Age*

- Dept. of Historical Studies, University of KwaZulu-Natal – Durban, South Africa, September 2003
- Wits Institute for Social and Economic Research, University of the Witwatersrand, Johannesburg, South Africa, August 2003

*Globalization meets Frankenstein? Reflections on Terrorism and Technopolitics in the Nuclear Age*

- **Keynote**, Svenska Nationalkommittén för Teknikhistoria, Norrköping, Sweden, April 2002
- Plenary, Society for the Social Studies of Science, Cambridge, November 2001

*Decolonization in the Nuclear Age: Uranium Mining in Gabon and Madagascar*

- Eindhoven Technical University, The Netherlands, November 2001
- Science, Technology and Society program, University of Michigan, September 2001
- University of Melbourne, Australia, July 2001
- Joint University of California (Berkeley/San Francisco) workshop, April 2001
- Department of History and Sociology of Science, University of Pennsylvania, March 2001

*Techniques de la guerre froide en perspective mondiale: le nucléaire et l'informatique comme systèmes technopolitiques*, with Paul Edwards

- Colloque sur l'histoire de l'armement, Ecole Militaire, Paris, January 2001

*L'Afrique nucléaire. Réflexions sur l'identité et les pratiques technopolitiques dans les mines d'uranium*

- Université de Montréal, Canada, October 2000
- Séminaire sur La construction des savoirs hors d'occident: L'hybridation des pratiques, Centre d'Histoire des Sciences et Techniques, La Villette, Paris, France, May 1999

*Fueling Power: Uranium Mining and Colonialism in the Nuclear Age*

- Energy Conference, Stavanger, Norway, August 2000
- Stanford Humanities Center, Stanford, April 1998

*Power and (Post)colonial Identities*

- Program in Science, Technology, and Society, Massachusetts Institute of Technology, April 2000

*L'Homme d'action in France and Africa*

- Society for French Historical Studies, Scottsdale, March 2000

*Categorizing Modernities and Modernizing Categories*

- Technology and Modernity: The Empirical Turn, University of Twente, Netherlands, November 1999

*Writing the History of European Technology in the 20th Century*

- Tensions of Europe: Twentieth Century European History of Technology, Eindhoven University of Technology, Netherlands, November 1999

*Le Rayonnement de la France: énergie nucléaire et identité nationale après la guerre*

- Sorbonne-Université de Paris IV, Paris, November 1999
- Centre pour l'histoire de la défense, Ecole Militaire, Paris, May 1999

*Technoscience and Postcolonial Subjectivities: Uranium Miners in Gabon and Madagascar*

- Society for the Social Studies of Science, San Diego, October 1999

*Nationalism, Colonialism, and Technopolitical Defiance in Postwar France*

- Defiant Modernism, Science Museum, London, UK, June 1999

*Mining Colonies: Technology, Race, and Empire in the Nuclear Age*

- Hagley Museum and Library, Wilmington, March 2000
- University of Amsterdam, Netherlands, May 1999

*Histoire, mémoire et nation dans deux régions nucléaires françaises*

- Centre Alexandre Koyré, Paris, France, May 1999

*Nuclear Travels: Researching the History of Uranium Mining in Gabon and Madagascar*

- Residential College Faculty Seminar, University of Michigan, Ann Arbor, February 1999

*Technology, Colonialism, and Race in the Nuclear Age*

- Science Studies Program, University of California, San Diego, December 1998
- Northwestern University, Evanston, April 1999
- Society for the History of Technology, Baltimore, October 1998
- Materializing Cultures: Science, Technology, and Medicine in Global Contexts, Stanford, May 1998

*Technology, Politics, and National Identity*

- Department of Science and Technology Studies, Cornell University, Ithaca, November 1997
- Department of History, University of Michigan, Ann Arbor, December 1997

*Gender, Race, and Technology*

- Expanding the Audience for Science and Engineering, Stanford University, June 1997

*Regimes of Work*

- Atlanta Seminar in the Comparative History of Labor, Industry, Technology, and Society, April 1997

*Warring Systems*

- Bay Area Technology and Culture Discussion Group, San Francisco, February 1997

*Is Technology Politics? Historical and Historiographical Strategies*

- University of California History of Science Conference, Berkeley, January 1997

*Re-inventing a Nation: The Construction of Technological Styles in Cold War France*

- Society for the History of Technology, London, UK, August 1996

*Atomic Vintage: Technology and the Making of Postwar France*

- Centre de Sociologie de l'Innovation, Ecole des Mines, Paris, May 1996

*Planning a Technological Nation: Systems Thinking and the Politics of National Identity in Postwar France*

- The Spread of the Systems Approach, MIT, Cambridge, May 1996

*Le point de vue des Américains sur les aspects politiques et techniques de la nationalisation en France*

- La nationalisation de l'électricité en France: Nécessité technique ou logique politique? Paris, April 1996

*Atoms and People: Technology and the State in Provincial France, 1953-1970*

- Society for French Historical Studies, Atlanta, March 1995

*Nuclear Spelunking and Technological Grandeur: Enacting Cultural Identity in the French Nuclear Workplace*

- Department of History, University of California — Los Angeles, December 1995
- European History Workshop, Stanford University, February 1995
- Bay Area Technology and Culture Discussion Group, Palo Alto, March 1995

*Atomic Vintage: Regional Culture and National Identity in Postwar France*

- American Historical Association, Chicago, January 1995

*Nuclear Spelunking: Danger, Risk, and Safety after a French Nuclear Accident*

- Massachusetts Institute of Technology, April 1994
- Hagley Museum and Library, October 1993

*Hierarchies of Risk: Cultures of Work and Radiation Protection in French Nuclear Reactors*

- Harvard University, Cambridge, March 1993
- Society for the History of Technology, Uppsala, Sweden, August 1992

*Nuclear Power and Regional Culture in France*

- Society for the Social Studies of Science and the European Association for the Study of Science and Technology, Gothenburg, Sweden, August 1992

*Designing Policy and Building Reactors in Postwar France*

- Society for the History of Technology and the History of Science Society, Madison November 1991

*Constructing Competitiveness in Postwar France: the Case of Nuclear Power, 1955-1969*

- IEEE conference on “Technological Competitiveness,” East Brunswick, October 1991

*Political Designs: Nuclear Reactors and National Policy in France*

- Stanford University, April 1991
- Royal Institute of Technology, Stockholm, Sweden, September 1991
- Linköping University, Linköping, Sweden, September 1991
- University of Delaware, Wilmington, October 1991
- University of California-Davis, November 1992

*Technological Choices? Gas-Graphite Reactors in France, 1945-1960*

- American Association for the Advancement of Science, Washington DC, February 1991

*Culture Technique: la filière française des réacteurs à gaz*

- Ecole des Mines, Paris, March 1990
- Cité des Sciences et Industrie (La Villette), Paris, May 1990

*Technology and Patriotism in France: Perceptions of Nuclear Technology, 1945-1955*

- Society for the History of Technology, Wilmington, October 1988

**round tables**

*African Histories of Science and Technology in the Classroom*

- Presidential Panel, Society for the History of Technology, New Orleans, November 2022

*Systemic and Epistemic Racism in the History of Technology*

- Presidential Panel, Society for the History of Technology, Virtual Meeting, November 2021

*Community-Engaged Research and Social Justice in the History of Technology*

- Presidential Panel, Society for the History of Technology, New Orleans, November 2021

*Ethnography at the Archive*

- Center for Global Ethnography, Stanford University, February 2021

*Agency and Disasters*

- Narrating the Anthropocene: Memories, Imaginaries, and Knowledges, KAIST Center for Anthropocene Studies & National Folk Museum of Korea, Seoul, December 2019

*The Anthropocene as a Provocation to the History of Technology*

- Society for the History of Technology, Milan, Italy, October 2019

AUTHOR MEETS CRITICS: *Radiation Brain Moms and Citizen Scientists: The Gender Politics of Food Contamination after Fukushima*, by Aya Hirata Kimura

- Society for the Social Studies of Science, New Orleans, September 2019

*Interrogating the Plantationocene: an Anthropocene Seminar*

- University of Wisconsin – Madison, February 2019

*Fire and Ice: The Shifting Narrative of Climate Change*

- Forum for the Academy and the Public, University of California, Irvine, February 2019

*It's Complicated: Conversations on How Architecture and the Environment Relate*

- Canadian Centre for Architecture, Montreal, Canada, June 2018

*Timescales, Memory, and Nuclear Geographies*

- Science & Justice Research Center, University of California — Santa Cruz, May 2018

AUTHOR MEETS CRITICS: *Being Nuclear: Africans and the Global Uranium Trade*

- Society for the Social Studies of Science and the European Association for the Study of Science and Technology, Barcelona, Spain, August 2016

*Learning from Africa's Technology Stories*

- Society of the History of Technology, Albuquerque, NM, October 2015

*L'électrification rurale dans l'Afrique post-coloniale*

- Colloque Mondes Électriques, Paris, December 2014

*The Atom and the Environment Across Borders, Boundaries, and Disciplines*

- American Society for Environmental History, San Francisco, March 2014

*Techno-fantasies and liberation*

- Mapping Science and Technology in Africa: Traveling technologies and global dis/orders, Johannesburg, South Africa, February 2014

*Materiality*

- Society of the History of Technology, Portland, October 2013

*SHOT in a Global Environment*

- Society of the History of Technology, Portland, October 2013

AUTHOR MEETS CRITICS: *Consumer, Tinkerers, Rebels: The People Who Shaped Europe*, by Ruth Oldenziel & Mikael Hard

- Democracy and Technology: Europe in Tension from the 19th to the 21st Century, Paris, France, September 2013

*Le nucléaire après Fukushima*

- Nucléaire et sciences sociales après Fukushima, CNRS, Paris, December 2012

*Infrastructure(s) and the Fukushima Earthquake: A Roundtable on Emergencies, Nuclear and Otherwise*

- Society for the History of Technology, the Society for the Social Studies of Science, and the History of Science Society, Cleveland, November 2011

AUTHOR MEETS CRITICS: *The Nuclear Borderlands: The Manhattan Project in Post-Cold War New Mexico*, by Joseph Masco

- Society for the Social Studies of Science and the European Association for the Study of Science and Technology, Rotterdam, the Netherlands, August 2008

*History of Technology/History of Africa*

- Society of the History of Technology, Washington, DC, October 2007

AUTHOR MEETS CRITICS: *Dominance by Design: Technological Imperatives and America's Civilizing Mission*, by Michael Adas

- Society for the History of Technology, Las Vegas, October 2006

*Teaching Gender in the History of Technology and in Science Studies: Notes from the Classroom*

- Society for the History of Technology and the Society for the Social Studies of Science, Charlottesville, October 1995.

**discussant**

African Studies Association  
 American Anthropological Association  
 American Historical Association  
 Society for the History of Technology  
 Society for the Social Studies of Science  
 Tensions of Europe network  
 STS-Africa network  
 European Association for the Study of Science and Technology  
 & more

**conference  
organizing**

*Feminists face the Anthropocene*

- With Paulla Ebron and Anna Tsing. Davenport, CA, February 2020

*Toxicity, Waste, Detritus*

- With Pamela Gupta. Durban, South Africa, July 2016

*Technology Studies in Africa*

- With Faeza Ballim, Keith Breckenridge, and Paul N. Edwards. Durban, South Africa, July 2016

*Techno-metabolism: a seminar for the Anthropocene Campus*

- With Paul N. Edwards and Jonas Loh. Berlin, Germany, April 2016

*Electric worlds: creations, circulations, tensions, and transitions, from the 19<sup>th</sup> to the 21<sup>st</sup> centuries*

- Program committee. Paris, France, December 2014

*The Global South as a Source of Theory*

- With colleagues at the Wits Institute for Social and Economic Research at the University of the Witwatersrand. Johannesburg, South Africa, May 2014

*Technopolitics in Africa*

- With Keith Breckenridge. Ithala, South Africa, July 2006

*Bodies, Networks, Geographies: Colonialism, Development, and Cold War Technopolitics*

- University of Michigan, USA, October 2005; Eindhoven Technical University, Netherlands, April 2007

*Postcolonial Technoscience*

- Berkeley, April 2001

*Materializing Cultures: Science, Technology, and Medicine in Global Contexts.*

- Stanford University, Spring 1998

*Expanding the Audience for Science and Engineering*

- Organizing committee. Stanford University, June 1997

## teaching & advising

### undergraduate courses

- Racial Justice in the Nuclear Age (lecture & research seminar versions)
- Nuclear Insecurity in the Bay Area and Beyond (research seminar)
- International Security in a Changing World (lecture)
- History, Science, and Politics in the Anthropocene (lecture)
- Trashed! A Global History of Garbage (lecture)
- Global Nuclear Proliferation (lecture & colloquium versions)
- Technology and Power in Africa (colloquium)
- Science, Technology, Medicine, and Society (lecture)
- History of the Present (lecture)
- Globalization in History: Making the Modern World (lecture)
- Race, Gender, and Empire in the Nuclear Age (research seminar)
- History Honors Colloquium
- Technology, Politics, and Culture (colloquium)
- Technology, Colonialism, and Development in Africa (colloquium)
- The Nuclear Age (lecture & colloquium versions)
- The Industrial Revolution (lecture)
- Technology and Culture in the 20th Century (colloquium)
- Technology, the State, and Social Order in Modern France (colloquium)

### graduate courses

- Power in the Anthropocene: Pasts, Presents, Futures
- Materialities of Power
- Technopolitics: Materiality, Theory, Power
- Infrastructure and Power in the Global South
- Bodies, Technologies, and Nature(s) in Africa
- Knowledge/Power/Practice in Science, Technology, and Medicine
- After Fukushima: climate change, nuclear power, and global warming
- Technology in Colonialism, Development, and Globalization
- Technology as Power: Ideology, Infrastructure, Practice
- Technology, Knowledge, and Culture
- Technology, Work, and Culture in Comparative Perspective

**dissertation  
supervision\***

- Sonya Schoenberger, *Seabed Sovereignties: Decolonization, Deep Sea Minerals, and International Law in Oceania* (Department of History, Stanford University, completion expected 2026; co-chair J. P. Daughton).
- Adele Stock, *Sacred Waters of Apartheid and the Anthropocene: Delta Park and the Braamfontein Spruit in Johannesburg, 1934-2023* (Department of History, Stanford University, completion expected 2026; co-chair Joel Cabrita).
- Aliyah Dunn-Salahuddin, *This Land Was Made for You, Not Me* (Department of History, Stanford University, completion expected 2026; co-chair Allyson Hobbs).
- Kyle Harmse, *Engineering the Counter-Revolution: Apartheid South Africa's military-industrial complex* (Department of History, Stanford University, completion expected 2025).
- Daniel Williford, *Concrete Futures: Technologies of Urban Crisis in Colonial and Postcolonial Morocco*. (Department of History, University of Michigan, 2020). Revised chapter recipient of the 2020 Usher prize for best article from the Society for the History of Technology. **Assistant Professor, History, University of Wisconsin-Madison.**
- Kevin Donovan, *Scaling Sovereignty: Frontiers and Futures in Postwar East Africa* (Program in Anthropology and History, University of Michigan, 2018; co-chair Jatin Dua). Forthcoming as *The Government of Value: Sovereignty & Citizenship in East Africa* (Cambridge University Press, 2024). **Lecturer (tenure-track equivalent), African Studies and International Development, University of Edinburgh, Scotland.**
- Emma Park, *Infrastructural Attachments: Technologies, Mobility, and the Tensions of "Home" in Colonial and Postcolonial Kenya* (Department of History, University of Michigan, 2017; co-chair Derek Peterson). Forthcoming as *Infrastructural Attachments: Technologies, Mobility, and the Tensions of Home in Colonial and Postcolonial Kenya* (Duke University Press, 2024). **Assistant Professor, History, The New School.**
- Tasha Rijke-Epstein, *Ecologies of Belonging: Techniques of Place-Making, Competing Moral Economies, and Urban Becoming in Mahajanga, Madagascar, 1890s to present* (Program in Anthropology and History, University of Michigan, 2017; co-chair Gillian Feeley-Harnik). Published as *Children of the Soil: The Power of Built Form in Urban Madagascar* (Duke University Press, 2023). **Assistant Professor, History, Vanderbilt University.**
- Robyn d'Avignon, *Subterranean Histories: Making 'Artisanal' Miners on the West African Sahel*. (Program in Anthropology and History, University of Michigan, 2016). Revised chapter recipient of the 2021 Usher prize for best article from the Society for the History of Technology. Published as *A Ritual Geology: Gold and Subterranean Knowledge in Savanna West Africa* (Duke University Press, 2022), awarded the 2023 Pfizer prize for best book from the History of Science Society. **Associate Professor, History, New York University.**

- Davide Orsini, *Life in the Nuclear Archipelago: Cold War Technopolitics and U.S. nuclear submarines in Italy* (Program in Anthropology and History, University of Michigan, 2015). 2016 ProQuest Distinguished Dissertation Award (university-wide). Published as *The Atomic Archipelago: US Nuclear Submarines and Technopolitics of Risk in Cold War Italy* (University of Pittsburgh Press, 2022). **Fellow, Rachel Carson Center, München, Germany.**
- Kenneth Garner, *Seeing Is Knowing: 'Objectivity' and the Creation of Visual Culture in France, 1870-1930* (Department of History, University of Michigan, 2012; co-chair Joshua Cole).
- Stephen Sparks, *Apartheid Modern: SASOL and the making of a South African company town, 1950-2009* (Program in Anthropology and History, University of Michigan, 2011). **Senior lecturer (equivalent to tenure), University of Johannesburg, South Africa.**
- Pete Soppelsa, *The Fragility of Modernity: Infrastructure and Everyday Life in Paris, 1870-1914* (Department of History, University of Michigan, 2009; co-chair Joshua Cole). Forthcoming as *The Fragility of Urban Modernity: Living with Infrastructure in Paris, 1870-1914* (University of Minnesota Press, 2024). **Assistant Professor, History, University of Oklahoma.**
- Clapperton Chakanetsa Mavhunga, *The Mobile Workshop: Science, Technology, and Wildlife Use in the Trans-Limpopo Basin, Southern Africa, 1870-Present* (Department of History, University of Michigan, 2008). Published as *Transient Workspaces: Technologies of Everyday Innovation in Zimbabwe* (MIT Press, 2014), awarded honorable mention for 2015 Herskovits Award, African Studies Association. **Full Professor, Science and Technology Studies, Massachusetts Institute of Technology.**
- Toby Craig Jones, *The dogma of development: Technopolitics and the making of Saudi Arabia, 1950-1980* (Department of History, Stanford University, 2006; co-chair Joel Beinin). Published as *Desert Kingdom: How Oil and Water Forged Modern Saudi Arabia* (Harvard University Press, 2011). **Associate Professor, History, Rutgers University.**
- Sara B. Pritchard, *Recreating the Rhône: Nature and technology in France since World War II* (Department of History, Stanford University, 2001; co-chair Richard White). Published as *Confluence: The Nature of Technology and the Remaking of the Rhône* (Harvard University Press, 2011). **Associate Professor, Science and Technology Studies, Cornell University.**

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\* Plus: 2 recently passed orals; 2 preparing for exams. Updated September 2024.

## committees & juries

- Alina Bykova, *Extraction Islands: Environment, Politics, and Security on Svalbard, 1850s-present* (Department of History, Stanford University, completion expected 2026).
- C. Chepchirchir Tirop, *Running, Kenyan Bodies, and Postcolonial Entanglements* (Department of History, Stanford University, completion expected 2025).
- Jaime Landinez Aceros, *Assets for Peace: Biodiversity and Science in Post-Conflict Colombia* (Department of Anthropology, Stanford University, completion expected 2025).
- Wallace Teska, *Paths to Justice: Environment, Religion, and Social Change in French West Africa, 1850-1960* (Department of History, Stanford University, 2024).
- Jasmine Reid, *Dwelling in Displacement: Land Rights and Heritage Activism in Post-Apartheid Johannesburg* (Department of Anthropology, Stanford University, 2022).
- Dean Chahim, *Draining the Infinite Metropolis: Engineering and the Mundanity of Disaster in Mexico City* (Department of Anthropology, Stanford University, 2021). [Assistant Professor, New York University.](#)
- Rebecca Gruskin, *Phosphates: Local Dissidence, Global Agriculture, and Environment in Gafsa, Tunisia, 1890s-1960s* (Department of History, Stanford University, 2021).
- Rebecca Wall, *The Rebellious River: Transnational Senegal River Basin Management, 1919- 2000* (Department of History, Stanford University, 2020). [Assistant Professor, Loyola Marymount University.](#)
- Nick Caverly, *Restructured City: Demolition and Racial Accumulations in Detroit* (Department of Anthropology, University of Michigan, 2020). [Assistant Professor, University of Massachusetts-Amherst.](#)
- Osei Boakye, *Beggar Nation: An Examination of Ghana's Political Economic History, 1946-1976* (Department of History, Stanford University, 2020).
- David Benjamin Burns, *The Material-Media Histories of Maralinga* (Centre for Research Architecture, Goldsmiths-London, 2020).
- Rachael Hill, *Scientists, Healers, and Bioprospectors: The Epistemological Politics of Therapeutic Pluralism in Ethiopia, 1930-1998* (Department of History, Stanford University, 2019). [Assistant Professor, Cal Poly Pomona.](#)
- Stephanie Quinn, *Claiming a 'Land of Milk and Honey': Labor, Urbanization, and Political Imagination in Namibia, 1945-1994* (Department of History, Stanford University, 2019).
- Marie Ghis Malfilatre, *Santé sous-traitée : Ethnographier les mobilisations contre les risques du travail dans l'industrie nucléaire en France, 1968-2018* (École doctorale, spécialité sociologie, École des Hautes Études en Sciences Sociales, 2018).
- Leny Patinaux, *Enfouir des déchets nucléaires dans un monde conflictuel. Une histoire de la démonstration de sûreté de projets de stockage géologique en*

- France, 1982-2013. (Sciences, savoirs, techniques : histoire et société, Centre Alexandre Koyré, École des Hautes Études en Sciences Sociales, 2017).
- Aro Velmet, *Pasteur's Empire: French Expertise, Colonialism, and Transnational Science, 1890-1945* (Department of History, New York University, 2017, with distinction). Associate Professor, History, University of Southern California.
- Dan Hirschman, *The Emergence of the Economy as an Object of Knowledge* (Department of Sociology, University of Michigan, 2016). Associate Professor, Cornell University.
- Hilde Reinertsen, *Powering Global Development? The Evolution of Planning, Monitoring and Evaluation of Norway's Development Aid to the Energy Sector, 1980-2010* (Faculty of Social Sciences, University of Oslo, 2016).
- Basak Saraç Lesavre, *Formulating Nuclear Values: Communities, Equations, Budgets and Debates with Nuclear Waste* (Centre de Sociologie de l'Innovation, Mines ParisTech, 2015).
- Sarah Hamilton, *From Modernization to Europeanization: Environmental Policy and Philosophy in Spain, 1900-2000* (Department of History, University of Michigan, 2013). Associate Professor, University of Bergen, Norway.
- Joshua Grace, *Modernization Bubu: Cars, Roads, and the Politics of Development in Tanzania, 1870s to 1980s*, (Department of History, Michigan State University, 2013). Associate Professor, University of South Carolina.
- Douglas Andrew Kolozsvari, *Civil Society Organizations and the Protection of Sub-Saharan Africa's Colonial Railways* (Urban and Regional Planning Program, University of Michigan, 2013).
- Lydie Cabane, *Gouverner les catastrophes : politiques, savoirs et organisation de la gestion des (risques) de catastrophes en Afrique du Sud* (Sociologie de l'action, Sciences Po, 2012).
- Bridget Lauren Guarasci, *Reconstructing Life: Environment, Expertise, and Political Power in Iraq's Southern Marshes 2003-2007* (Department of Anthropology, University of Michigan, 2010).
- Sezin Topçu, *L'agir contestataire à l'épreuve de l'atome. Critique et gouvernement de la critique dans l'histoire de l'énergie nucléaire en France, 1968-2008*. (Spécialité Histoire des sciences et des techniques, École des Hautes Études en Sciences Sociales, 2010).
- Samuel Temple, *Mountain, Moor and Marsh: The Politics of Environmental Transformation in Southern France, 1850-1950* (Department of History, University of Michigan, 2010).
- Chandra D. Bhimull, *Empire in the Air: Speed, Perception and Airline Travel in the Atlantic World* (Program in Anthropology and History, University of Michigan, 2007). Audrey Wade Hittinger Katz and Sheldon Toby Katz Associate Professor for Distinguished Teaching in Anthropology and African-American Studies, Colby College.

Marina Welker, *Global capitalism and the "caring corporation": Mining and the corporate social responsibility movement in Indonesia and Denver* (Program in Anthropology and History, University of Michigan, 2006). Associate Professor, Cornell University.

Katherine Jenny Worboys, *Lessons from a catastrophe: The emergence of new social and political actors in post-dictatorship Argentina, 1984-2004* (Program in Anthropology and History, University of Michigan, 2005).

Andrew M. Goss, *The Floracrats: Civil science, bureaucracy, and institutional authority in the Netherlands East Indies and Indonesia, 1840-1970* (Department of History, University of Michigan, 2004). Professor, Augusta University.

Carlos Martín, *Riveting: Steel technology, building codes, and the production of modern places* (Department of Civil Engineering, Stanford University, 1999).

David Adam Kirsch, *The electric car and the burden of history: Studies in automotive systems rivalry in America, 1890-1996* (Department of History, Stanford University, 1997). Associate Professor, University of Maryland.

## fellows

Leyatt Betre (Security Studies PhD, Princeton University), Stanton Nuclear Security Fellow and Macarthur Fellow, Center for International Security and Cooperation, Stanford University, 2022-23. *De facto* co-mentor.\*

Austin Cooper (PhD candidate, University of Pennsylvania), Macarthur Fellow, Center for International Security and Cooperation, Stanford University, 2020-21.

Marie Ghis Malfilatre (Sociology PhD, Ecole des Hautes Etudes en Sciences Sociales, 2018), Stanford-France Exchange Program, Stanford University, 2020.

Maxime Polleri (Anthropology PhD, York University, 2019), Macarthur Fellow, Center for International Security and Cooperation, Stanford University, 2018-20.

Sidra Hamidi (Political Science PhD, Northwestern University, 2018), Stanton Nuclear Security Fellow, Center for International Security and Cooperation, Stanford University, 2018-19.

Chantell Murphy (Nuclear Engineering PhD, University of New Mexico, 2018), Macarthur Fellow, Center for International Security and Cooperation, Stanford University, 2018-19. *De facto* co-mentor.\*

## habilitations

Judith Rainhorn, *Un poison industriel : histoire sociale, économique et politique de la céruse (début XIXe-milieu du XXe siècle)*. Habilitation à Diriger les Recherches (HDR), Institut d'Études Politiques, Paris, 2015. Professeure, Université de Paris I - Sorbonne.

Yannick Barthe, *La victimisation: une approche sociologique. Le cas des vétérans des essais nucléaires français*. Habilitation à Diriger les Recherches (HDR), Institut d'Études Politiques, Paris, 2015. Directeur de recherche CNRS, Institut Marcel Mauss, École des Hautes Études en Sciences Sociales, Paris.

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\*Fellows who requested my full mentorship for the year despite my not being designated as their "mentor of record."

## professional activities

**President**, Society for the History of Technology, January 2023 – December 2024

- Vice President, January 2021 – December 2022
- Founder & chair, SHOT committee on Racial Equity, Diversity, and Inclusion (REDI), 2021-2024

### advisory boards

- Conseil Scientifique, ANDRA (Agence nationale pour la gestion des déchets radioactifs), France. By ministerial appointment, 2015-
- Founding external member, Institute for Environment, Conservation and Sustainability (IECS). University of Toronto Scarborough. 2023-
- Chair of excellence in Security Studies. Sciences Po, Paris, 2017-
- RADIANT: Radioactive Ruins: Security in the Age of the Anthropocene, Danish Institute for International Studies (DIIS), Denmark, 2018-23
- AnthroTOX Convergence Environment. University of Oslo, Norway. 2017-21
- Nuclear Consulting Group, United Kingdom, 2018-20
- Comité Scientifique, Projet AGORAS (Amélioration de la Gouvernance des Organisations et des Réseaux d'Acteurs pour la Sécurité Nucléaire). Collaborative project (university-industry-regulator) on nuclear safety governance, funded by France's Agence Nationale de Recherche, 2014-2019
- Scientific Advisory Board. Sciences Po, Paris, 2013-17

### reviewing

**Journals:** *Technology and Culture*; *Journal of African History*; *Social Studies of Science*; *Science, Technology, and Human Values*; *French Historical Studies*; *Comparative Studies in Society and History*; *Enterprise and Society*; *East Asian Science, Technology, and Society*; *Centaurus*; *Environmental Science and Pollution Research*; *African Affairs*; *History of the Present*; *African Security Review*; *The Anthropocene Review*; *Political Geography*; *Progress in Human Geography*; *Geopolitics*; *Cultural Anthropology*; etc.

**Presses:** University of Chicago Press; Indiana University Press; MIT Press; Routledge; Duke University Press; University of California Press; etc.

**Funding Agencies:** National Science Foundation (US); Social Science Research Council; National Endowment for the Humanities; MacArthur Foundation; Nederlandse Organisatie voor Wetenschappelijk Onderzoek (Netherlands); European Science Foundation; Social Sciences and Humanities Research Council (Canada); National Research Foundation (South Africa); Institut Francilien Recherche Innovation Société (France); Swiss National Science Foundation; etc.

**Promotion & tenure review** at universities in North America, Europe, Africa, and Australia (institutions & dates withheld to protect confidentiality).

**editorial  
boards**

- Feminist Technosciences book series, University of Washington Press, 2014-
- African Perspectives book series, University of Michigan Press, 2014-
- Global History and Culture: Medicine, Science and Technology book series, Manchester University Press, 2013-
- *History and Technology*, 2008-
- *Technology's Stories*, 2016-2021
- Engaging Science, Technology, and Society (eSTS), 2015-2021
- *Hospodarske dejiny*, 2013-2021

**other  
service**

- Merton Prize Committee, Science, Knowledge and Technology section, American Sociological Association, 2014
- Executive Council (elected), Society for the Social Studies of Science, 2006-2009
- Subcommittees: Travel Grant; Nominations; Future Meetings; Special Needs; Nicholas C. Mullins Essay Prize; Rachel Carson Book Prize; Ludwik Fleck Book Prize.
- Comité d'histoire d'électricité, Fondation Electricité de France, 2001-2015
- Executive Council (elected), Society for the History of Technology, 2000-2003
- Transition and Coordinating Committees, Tensions of Europe, 1999-2007
- Theme leader, "Colonialism, Decolonization, and Development," Tensions of Europe, 1999-2004
- Editorial Committee, Society for the History of Technology, 1995-2000
- Co-founder & convener, Bay Area Technology & Culture discussion group, 1993-1998
- Levinson Prize Committee, Society for the History of Technology, 1993-1995
- Speaker, Historical Speakers Bureau of the Center for the History of Electrical Engineering, Rutgers University, New Brunswick, NJ. 1993-1994

## university service

### stanford

- Chair, Appointment Committee for Professor of African History and Director, Program in Feminist, Gender, and Sexuality Studies, History Department, 2022
- Undergraduate Committee, History Department, 2022-23
- Chair, Task Force on Racial Equity, Diversity, and Inclusion, Freeman Spogli Institute, 2020-21
- Chair, Graduate Admissions, History Department, 2019-21
- Chair (elected), Policy Committee, History Department, 2019-21
- Promotion to tenure committee, History Department, 2020-21
- Diversity Committee, Center for International Security and Cooperation, 2020-
- Executive Board, Program in Science, Technology, and Society, 2020-
- Steering Committee, Haas Center for Public Service, 2020-
- Fellowship Review Committee, Freeman Spogli Institute, 2018-20
- Executive Committee, Center for African Studies, 2017-2023
- Nuclear Fellowship Review Committee, Center for International Security and Cooperation, 2017-21, 2023
- Fellowship review, Program in the History and Philosophy of Science, 2017-2020
- Graduate Admissions Committee, History Department, 2017-19
- Fellowship review, Center for African Studies, 2017-19
- African History Search Committee, History Department, 2017-18
- Graduate Studies Committee, History Department, 2017-18
- Promotion to Full Professor Committee, History Department, 2017-18
- Co-coordinator, Empires and Cultures Research Workshop, 1997-98
- Dean's Search Committee, Prog. in Science, Technology, and Society, 1996-98
- Committee-in-Charge, Prog. in Modern Thought and Literature, 1995-98
- Advisory Board, Prog. in Science, Technology, and Society, 1993-98
- Colloquium Organizer, Prog. in the History and Philosophy of Science, 1994-95
- Affirmative Action Committee, Department of History, 1993-95
- Secretary, Department of History, 1993-94

## michigan

- Director, Program in Science, Technology, & Society, 2013-15, 2016-17
- Faculty Transition Team, School of Natural Resources and Environment, 2016
- Junior Faculty Mentor, Ford School of Public Policy, 2016-17
- Junior Faculty Mentor, History Dept., 2015-17
- Promotion to Full Professor Committees, History Dept., 2014-15, 2016-17
- African History caucus leader, History Dept., 2008-09, 2013-14, 2016-17
- Mentor, University of Michigan African Presidential Scholars Program, 2014
- Associate Director, African Studies Center, 2013-14
- Chair, Tenure Committee, History Dept., 2013-14
- Ad Hoc Committee on Climate and Diversity, History Dept., 2013-14
- Faculty sponsor, African History & Anthropology Workshop (Rackham Interdisciplinary Workshop), 2008-09, 2013-14
- Graham Sustainability Institute, Dow Sustainability Doctoral Fellowships evaluation, 2014
- Steering Committee, Program in Science, Technology, & Society, 2001-06, 2008-2012, 2013-17
- Placement/Job Skills officer, History Dept., 2004-06, 2011-12
- Augmented Executive Committee, History Dept., 2011-12
- Sexual Harassment officer, History Dept., 2011-12
- Chair, Environmental History Search Committee, History Dept., 2010-11
- Convener, Science, Technology, Medicine & Society colloquium series, 2010-11
- Steering Committee, African Studies Center, 2008-11
- Director of Graduate Studies, Program in Science, Technology, & Society, 2004-06, 2008-09, 2010-11
- Chair, Presidential Interdisciplinary Junior Faculty Initiative Committee, History Dept., 2008-09
- Executive Committee, History Dept., 1999-2000, 2001-02, 2007-08
- African History Search Committee, History Dept., 2007-08
- Mellon Postdoctoral Fellowship Selection Committee, Rackham School of Graduate Studies, 2005
- Third Year Review Committee, Residential College, 2004-05
- Faculty Review Committee, Residential College, 2003
- Advisory Committee, European Union Center, 2001-03
- Associate Chair, History Dept., 2001-02

- Curriculum Committee, History Dept., 2001-02
- Graduate Committee, History Dept., 2001-02
- Planning Committee, Program in Science, Technology, and Society, University-wide and Residential College, 1999-2001
- Committee to Re-evaluate Faculty Effort, Residential College, 1999-2000
- Co-convener, Ford Seminar, International Institute, 1999-2000
- Concentration Advisor, History Dept., 1999
- Study Abroad Committee, Residential College, 1999

**current  
affiliations**

African Studies Association  
 African Studies Association in Africa  
 American Anthropological Association  
 American Geophysical Union  
 American Society for Environmental History  
 Latin American Studies Association  
 Society for the History of Technology  
 Society for the Social Studies of Science

**past or  
intermittent  
affiliations**

American Association for the Advancement of Science  
 American Historical Association  
 American Sociological Association  
 History of Science Society  
 International Studies Association  
 Society for French Historical Studies

**language  
fluency**

English • French • Spanish