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ACADEMIC POSITIONS

CASE WESTERN RESERVE UNIVERSITY, Cleveland, OH

Associate Professor of History, 2015-

Assistant Professor of History, 2008-2015

THE JOHNS HOPKINS UNIVERSITY, Baltimore, MD

Andrew W. Mellon Postdoctoral Fellow in the Humanities, 2007-2008

EDUCATION

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Cambridge, MA

Ph.D., History, Anthropology, and Science, Technology, and Society (HASTS), June 2007

Dissertation: "Empire of Energy: War, Environment, and Geopolitics before the Age of Oil"

Committee Members: David Kaiser (chair), Harriet Ritvo, Meg Jacobs, Christopher Capozzola

Bachelor of Science in Mathematics, June 2001.

Minor: Earth, Atmospheric, and Planetary Science

REFEREED PUBLICATIONS

BOOK

Coal and Empire; The Birth of Energy Security in Industrial America (Baltimore: Johns Hopkins University Press, 2015).

REFEREED ARTICLES

"Ben Franklin's Ghost: Social Reform and the Transatlantic Politics of Information, 1845-1860," *Journal of Global History* **10**, no. 2 (July 2015): 212-234.

"The Making of a Tax Break: The Oil Depletion Allowance, Scientific Taxation, and Natural Resources Policy in the Early 20th Century," *Journal of Policy History* **23**, no. 3 (Summer 2011).

"Linking Energy to Climate (Before 1974)" *Wiley Interdisciplinary Reviews: Climate Change* **1**, no. 6 (Nov/Dec 2010): 773-80.

"'Science Can Never Demobilize': The United States Navy and Petroleum Geology, 1898-1924," *History and Technology* **19** (2003): 365-385.

"Analysis of US energy scenarios: Meta-scenarios, pathways, and policy implications," with Richard Silberglitt and Anders Hove, *Technological Forecasting and Social Change* **70** (2003): 297-315.

CURRENT PROJECTS

Intelligence: An American History, book manuscript under preparation.

"Educating the Gifted Child: The Politics of Education in Cold War America," article manuscript under preparation.

"The Big Sale: National Security, the Energy Crisis, and the Neoliberal Market, 1969-1998" article manuscript under preparation.

"Energy, Industrialization, and the Economic Underpinnings of US Foreign Policy, 1880-1920," in forthcoming Wiley-Blackwell *Companion to U.S. Foreign Relations, Colonial Era to the Present*

“Roots of Security: The Maritime Origins of American Forest Conservation,” article manuscript under preparation.

ACADEMIC HONORS & AWARDS

Moroney Award for Scholarship on Postal History from the United States Postal Service, 2016, for “Ben Franklin’s Ghost.”

Ellis Hawley Prize from the *Journal of Policy History*, 2010-2011, for “The Making of a Tax Break.”

Inaugural 2007 Benjamin Siegel Teaching Prize, MIT, for teaching on issues in science, technology, and society.

Society for the History of Technology’s 2005 Joan Cahalin Robinson Prize “for the best presented paper at a SHOT meeting by an individual delivering his or her first paper at the meeting.”

Honorable mention for the 2003 Siegel Prize, MIT, for paper “‘Science Can Never Demobilize’: The United States Navy and Petroleum Geology, 1898-1924”

FELLOWSHIPS & GRANTS

Baker-Nord Center for the Humanities Faculty Research Travel Grant, Fall 2015

W.P. Jones Presidential Faculty Development Fund Award, Fall 2014.

National Endowment for the Humanities Summer Stipend, 2012.

U.S. National Archives’ Center for Legislative Archives’ inaugural Legislative Archives Fellowship, 2011.

Smithsonian Institution Postdoctoral Fellowship, 2007, *declined*.

American Academy of Arts and Sciences, Visiting Scholar Program, 2007-2008, *declined*.

MIT’s Hugh Hampton Young Memorial Fund Fellowship, 2006-2007

MIT Center for International Studies Summer Study Grant, 2006

Naval Historical Center’s Rear Admiral John D. Hays Pre-Doctoral Fellowship in U.S. Naval History, 2006-2007

Society for the History of American Foreign Relations Stuart L. Bernath Dissertation Grant, 2006

Naval War College’s Edward Miller Fellowship in Naval History, 2005-2006

American Historical Association’s Albert J. Beveridge Grant for Research in the History of the Western Hemisphere, 2005

MIT Center for International Studies Energy, Technology, and International Affairs Summer Study Grant, 2005

Dibner Institute for the History of Science and Technology, Graduate Student Fellowship, 2004-2005 and 2005-2006

REVIEWS

Review of *Spies and Shuttles: NASA’s Secret Relationship with the DoD and CIA*, forthcoming in the *Journal of Military History*

Review of *The American Coal Industry, 1790-1902*, 3 vols., forthcoming in *Enterprise and Society*

Review of *Energy Capitals: Local Impact, Global Influence in Technology and Culture* **56** (4), October, 2015, 1000-1.

Roundtable Review contribution on Paul Sabin's *The Bet: Paul Ehrlich, Julian Simon, and Our Gamble over Earth's Future*, H-Environment Network, September 12, 2014.

Review of *Engineering Nature: Water, Development, & the Global Spread of American Environmental Expertise* in *Business History Review* **86** (1), Spring, 2012, 182-5.

Essay Review "The Richest Hills Unearthed," Review of *Mass Destruction: The Men and Giant Mines that Wired America and Scarred the Planet*. *Technology and Culture* **52** (4), October, 2011, 801-4.

Essay Review "Energy and Everything Else: Vaclav Smil's *Energy in Nature and Society*," *Technology and Culture*, **50** (4), November 2009, 915-918.

Review of *Power Struggles: Scientific Authority and the Creation of Practical Electricity Before Edison*. *Isis* **100** (3), September 2009, 679-680.

Review of *Canada's Victorian Oil Town: The Transformation of Petrolia from Resource Town into a Victorian Community*. *Technology and Culture*, **49** (2), April 2008, 496-8.

"The Lorax Lobby," Review of the *Environment, Inc.: From Grassroots to Beltway*. H-Environment, August 2007.

"Inventing Institutions, Teaching Technology," Review of the book *Mind and Hand: The Birth of MIT*. *Chemical Heritage* 24 (3), Fall 2006, 45.

WHITE PAPERS, EDITORIALS, AND OTHER PUBLICATIONS

"How America's Responses to Syrian and Jewish Refugees Is Eerily Similar," *Fortune.com*, November 21, 2015, <http://fortune.com/2015/11/21/syrian-jewish-refugees-america/>

"Anthracite Country Reaches for the World, 1851," *The Pennsylvania Magazine of History and Biography* **139** (2015): 360-362.

"A Catastrophic Accident of Normal Proportions," H-Energy Network, July 2010.

"Thinking in Scales," H-Energy Network, January 2010.

"Learning from the Past: Energy and Society at MIT," Energy Research Council White Paper, with Rosalind Williams, Merritt Roe Smith, and Meg Jacobs, 2005.

"Thinking Beyond the Laboratory: An Open Letter to President Hockfield," *The Tech* **125** (44) 10/4/2005.

INVITED TALKS

CWRU Friday Public Affairs Discussion Group, "Energy, Climate, and the Historian's View of the Future," October 23, 2015

Research Talk series, U.S. National Archives, on *Coal and Empire*, June 11, 2015.

Research in Congressional Holdings Roundtable, Associations of Centers for the Study of Congress, Annual Meeting, May 8-9, 2013.

"Ben Franklin's Ghost: Social Reform and the Transatlantic Politics of Information, 1845-1860," Harvard Conference on Intellectual Foundations of Global Commerce and Communications, March 28-29, 2013.

"Engineering Economy: Steam Power and the Politics of Coal in the United States Before Thermodynamics," Cultures of Energy, Rice University, April 19-21, 2013.

"Empire and the Politics of Information, 1840-1860," California Institute of Technology, History Department Seminar, April, 2011.

"The Prophet and the Pessimist: Narrating the Future of Energy Transitions in the Nineteenth Century and Today," Boston University's Frederick S. Pardee Center for the Study of the Longer-Term Future, John E. Sawyer Seminar in Energy & Society, October 2010.

“Ships, Security, and the Politics of Trees: The Maritime Origins of American Forest Conservation,” Massachusetts Historical Society’s Boston Environmental History Seminar, March 10, 2009.

“The Prophet, the Pessimist, and the Petroleum Geologist; Or, How We Used to Think About the Future of Energy,” University of Guelph’s 2008/2009 Hammond Lecture Series on Energy and the Environment, March 7, 2009.

Roundtable discussion on *Oil, Technology, and the Construction of Economic Knowledge*, New York University’s International Center for Advanced Studies, April, 2005.

CONFERENCE PAPERS

“From Securing Markets to Market Security: Global Oil and Domestic Land Policy in the Twentieth Century United States,” International Committee of Historical Sciences 22nd Quinquennial Congress, Jinan, China, August 23-29, 2015

“What Americans Talked about When They Weren’t Talking About Energy: Energy History in the Early Republic,” Society for the History of the Early Republic Annual Meeting, July 16-19, 2015

“The Digital History Project: @HistOpinion (Twitter),” Society for the History of Technology Annual Meeting, 2014

“Steam Power and the Politics of Global Information, 1840-1860,” Wish Symposium, Case Western Reserve University History Department, 2014.

“Policies of Space, Race, and Commercial Suicide: Constructing Transpacific Communications Networks After the Civil War,” Policy History Conference, 2012

“The Conservation of Power: Teapot Dome, Oil, and the Landscape of War, 1920-1950,” American Society for Environmental History Annual Meeting, 2012.

“Empire and the Politics of Information,” Society for the History of Technology Annual Meeting, 2011.

“Inventing the Logistics of Empire: Coal and American Naval Education, 1880-1920,” American Historical Association Annual Meeting, 2011.

“Coal, Slaves, and Constructing the 19th Century U.S. Empire,” Policy History Conference, 2010.

“Machine Politics and the Politics of the Machine: Meaning and Metaphor in Industrializing America,” Rethinking Urban History: Technology, Environments, and Politics at Case Western Reserve University, 2008.

“Machine Politics and the Politics of the Machine: Meaning and Metaphor in Industrializing America,” Society for the History of Technology Annual Meeting, 2008.

“Swamps, Surveying, and Security: The Maritime Origins of American Forest Conservation,” History of Science Society Annual Meeting, 2007.

“Ruling the Waves? Steam Travel and the Ocean Environment, 1830-1900,” American Society for Environmental History, Annual Meeting, 2007 [session organizer].

“The Berth of Empire: Coal Networks and Steam Power in American Foreign Relations,” American Historical Association Annual Meeting, 2007 [session organizer].

“‘Incalculable Benefits to Commerce’: The Quest for Coal and American Expansion in the Pacific, 1840-1860,” Society for the History of American Foreign Relations Annual Meeting, 2006.

“Alaska: Infinite Coal Mine of the Imperial Imagination,” Society for the History of Technology Annual Meeting, 2005 (*Recipient of Robinson Prize, 2005*)

“Petroleum Politics: National Security and the Legacy of Teapot Dome,” American Society for Environmental History Annual Meeting, 2005.

“Why Let A Petroleum Geologist File Your Taxes?” History of Science Society Annual Meeting, 2004.

“‘Science Can Never Demobilize’: The United States Navy and Petroleum Geology, 1898-1924,” Joint Atlantic Seminar in the History of the Physical Sciences (JASHOPS) 2003.

“Selling Scientific Theory: I.C. White and the (eventual) Acceptance of Anticlines,” “Under Construction IV” 2003, Graduate Student Conference in the History and Social Study of Science and Technology (co-planned event).

TEACHING

Technology in American History (CWRU Senior Scholars Program), Fall 2015

Modern American History, 1877-present, Spring 2016

America Since 1940, Spring 2015

Conflicts and Controversies in American Science and technology, Fall 2014, 2015, Spring 2015

The History of Your Lifetime, Fall 2014

Books as Bombs (co-taught), Spring 2012, 2013, 2014, 2016

North American Environmental History, Spring 2009, 2014

Issues and Methods in History, Fall 2008, 2012, 2013, 2015

Technology in America, Spring 2011, Fall 2013

Readings in the History of American Technology, Fall 2008, 2009, Spring 2011, 2012, 2013

Energy and Environment in American History, Fall 2006 (MIT), Fall 2007 (Johns Hopkins), Spring 2010, Fall 2012

The U.S. in the World, Spring 2010

Introduction to American History, Fall 2009

Introduction to Environmental History (Johns Hopkins), Spring 2008

SERVICE

FIELD

Board Member, Great Lakes Energy Institute, 2015-, GLEI Nominations Committee Chair, 2016-

Editorial Board Member, “Energy and Society” series, West Virginia University Press, 2015-

Fellowship Reviewer, National Science Foundation, 2015

Fellowship Reviewer, National Endowment for the Humanities, 2015

Fellowship reviewer, U.S National Archives Legislative Archives Fellowship, 2012

Society for the History of Technology (SHOT) Robinson Prize Committee (2009, 2011, 2014)

SHOT 2011 Annual Meeting Local Organizer

Co-organized symposium, “What’s So Natural About Natural Disasters?” November 15, 2005; part of MIT’s “Big Questions After Big Hurricanes” series to discuss social, political, and historical aspects of Hurricane Katrina

CASE WESTERN RESERVE UNIVERSITY

Siegel College's Senior Scholars program, “Technology in American History,” Fall 2015

Campus Tobacco Free Marketing & Communications Task Force, 2015

College of Arts and Sciences Strategic Plan Task Force on Central Administration, 2014

Sustainability Alliance, 2008-10

SOURCE Advisory Board

Kelvin Smith Library Strategic Planning Committee

HISTORY DEPARTMENT

MA and PhD student supervision, 2008-present

Graduate Student Grant Writing Workshop, 2013

Curriculum and Enrollment Review Committee, 2013-4

Graduate Committee, 2008-present

Library Liaison, 2009-present

Website revision committee, 2011-2

WESTERN RESERVE HISTORICAL SOCIETY

Wade Postdoctoral Fellowship Search Committee member, 2015

Cleveland Jewish Archives Advisory Committee, 2010

COMMUNITY

Secretary and Board Member, Congregation Shaarey Tikvah.

B'nai Jeshurun Weingold Forum Lecture, "We Are All Historians: the Ethics of History and Memory in Contemporary Culture," November 4, 2010

REFEREEING

Historical Studies in the Natural Sciences, Technology and Culture, Journal of Policy History, Western Reserve Historical Society, NASA History Program Office, Journal of the Gilded Age and Progressive Era, Information and Culture, Journal of Historical Geography

LANGUAGES

Spanish: read and speak; *German*: read; *French*: read; *Hebrew*: read, speak, and write

MEDIA

"Coal Calculations: Interview with Peter Shulman," *Civil War Times*, February 2016, 22-3.

Chandra Johnson, "Refugees happy to be alive and safe," *Deseret News*, December 18, 2015, <http://www.deseretnews.com/article/865643743/Refugees-happy-to-be-alive-and-safe.html?pg=all>

Adam Geller, "Refugee refusal today compared, contrasted to that of WWII," *AP*, November 20, 2015, <http://bigstory.ap.org/article/fdb11e7c23744e1f869299be47fcb56d/refugee-refusal-today-compared-contrasted-wwii>

Ishaan Tharoor, "Yes, the comparison between Jewish and Syrian refugees matters," *The Washington Post*, November 19, 2015, <https://www.washingtonpost.com/news/worldviews/wp/2015/11/19/yes-the-comparison-between-jewish-and-syrian-refugees-matters/>

Daniel Victor, "Comparing Jewish Refugees of the 1930s With Syrians Today," *The New York Times*, November 19, 2015, <http://www.nytimes.com/2015/11/20/us/comparing-jewish-refugees-of-the-1930s-with-syrians-today.html>

Chemi Shalev, "For U.S. Jews, a Double-edged Holocaust Precedent to Syrian Refugee Clash: In pre-World War II America, European Jews were criminals, Communists, anarchists, or Nazi saboteurs coming to take over the country," *Haaretz*, November 19, 2015, <http://www.haaretz.com/opinion/.premium-1.687006>

CTV New Channel [Canada], November 18, 2015,
<http://mms.tveyes.com/Transcript.asp?StationID=11305&DateTime=11%2F18%2F2015+4%3A16%3A07+PM&Term=Case+Western&PlayClip=TRUE>

Ashley Ross, “Why a History Lesson About World War II Refugees Went Viral,” *Time*, November 18, 2015, <http://time.com/4118178/paris-attacks-jews-syrian-refugees-history/>

Michael Stürzenhofecker, “Jüdische NS-Flüchtlinge waren in den USA nicht willkommen,” *die Zeit*, November 18, 2015, <http://blog.zeit.de/teilchen/2015/11/18/ns-fluechtlinge-usa-syrien-juden/>

Ishaan Tharoor, “What Americans thought of Jewish refugees on the eve of World War II,” *The Washington Post*, November 17, 2015,
<https://www.washingtonpost.com/news/worldviews/wp/2015/11/17/what-americans-thought-of-jewish-refugees-on-the-eve-of-world-war-ii/>

“Coal and Empire: The Birth of Energy Security in Industrial America,” interview with Carla Nappi and the New Books in Science, Technology, and Society podcast, November 9, 2015,
<http://newbooksinscitechsoc.com/2015/11/09/peter-a-shulman-coal-and-empire-the-birth-of-energy-security-in-industrial-america-johns-hopkins-up-2015/>

Rebecca Onion, “A Gift Guide for Young Historians: The Books that Made Scholars Want to Devote their Future to Examining the Past,” *Slate.com*, December 17, 2014,
http://www.slate.com/articles/arts/history/2014/12/a_gift_guide_for_young_historians_what_books_to_buy_for_your_budding_scholar.single.html

Julia Ioffe, “Why the Doom and Gloom, America? Today’s Crises are no Worse than Many in U.S. History,” *The New Republic*, July 15, 2014, <https://newrepublic.com/article/118706/mccain-wsj-join-long-history-apocalyptic-thinking-america>

Rebecca Onion, “The Fascinating Things You Learn from Reading Very Old Polls,” *Slate.com*, January 17, 2014,
http://www.slate.com/blogs/browbeat/2014/01/17/historical_opinion_on_twitter_wwii_polls_provide_fascinating_information.html