

MARK M. CHAMBERS  
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Mark M. Chambers teaches and writes about the intersections of environments with science and technology. My first book, *Gray Gold: Lead Mining and Its Impact on the Natural and Cultural Environment, 1700–1840* (University of Tennessee Press, 2021) highlights the significance of Native American early mining and smelting techniques and their amalgamation with European, African slaves and American settler mining and smelting practices. I recently completed an eighteen month-long Rita Allen Civic Science fellowship where I gained experience in environmental justice while working with the Environmental Data Governance Initiative (EDGI). I am currently working with my colleagues at EDGI on a National Science Foundation (NSF) Collaborative Research Grant, “Data, Science, and Environmental Justice at the Environmental Protection Agency” examining the effectiveness of community-based participatory action research to protect human health.

#### ***ACADEMIC POSITIONS***

- \* Lecture, Stony Brook University *present*
  - Department of Africana Studies
  - Department of History
- \* Part-time faculty, Adelphi University 2011 – 2015
  - Department of History
  - Black and Caribbean Studies Program
- \* Adjunct, Farmingdale College, Department of History 2009 – 2011

#### ***EDUCATION***

Ph.D., Department of History, Stony Brook University	2012
M.A., Department of History, Washington University in St. Louis, Missouri	2001
M.A.T., Social Studies, Washington University in St. Louis, Missouri.	1999
B.S., History and Psychology: Washington University in St. Louis, Missouri	1998

#### ***FELLOWSHIP***

Civic Science Fellow, Rita Allen Foundation and David / Lucile Packard Foundation.  
Developing civic science systems and knowledge strengthening inclusive engagement in science and society with the Environmental Data & Governance Initiative.

#### ***CURRENT RESEARCH PROJECT***

Co-PI, NSF, Collaborative Research Grant, “Data, Science, and Environmental Justice at the Environmental Protection Agency.”

## **PUBLICATIONS**

### **Book:**

*Gray Gold: Lead Mining and Its Impact on the Natural and Cultural Environment, 1720 to 1840.* (December 2021, University of Tennessee Press).

### **Articles:**

Ellen Kohl, Marianne Sullivan, Mark Milton Chambers, Alissa Cordner, Chris Sellers, Leif Fredrickson, Jennifer Liss Ohayon, “From ‘marginal to marginal’: environmental justice under the Trump administration,” *Environmental Sociology*: <https://doi.org/10.1080/23251042.2021.2015548> 29 December 2021.

Ellen Kohl, Marianne Sullivan, Mark Milton Chambers, Chris Sellers, Alissa Cordner, Leif Fredrickson, Jennifer Liss Ohayon, and Jessica Varner, “The Problem of Accountability: Environmental Justice and the Trump Administration,” *Environmental Justice*, <http://doi.org/10.1089/env.2021.0012> 4 October 2021.

### **Book Reviews:**

“Chambers on Hardesty”, Donald L. Hardesty. *Mining Archaeology in the American West: A View from the Silver State*. H-Net Reviews, (2010). <https://networks.h-net.org/node/19397/reviews/20580/chambers-hardesty-mining-archaeology-american-west-view-silver-state>

Paul R. Josephson, *Motorized Obsessions: Life, Liberty, and the Small-Bore Engine*. *The Michigan Historical Review*, 35, no. 1 (Spring 2009). [https://www.jstor.org/stable/25652162?refreqid=excelsior%3A21747682dc187c66da13fa8390b9efb&seq=1#metadata\\_info\\_tab\\_contents](https://www.jstor.org/stable/25652162?refreqid=excelsior%3A21747682dc187c66da13fa8390b9efb&seq=1#metadata_info_tab_contents)

### **Contributor – Encyclopedia Entries:**

Jeffrey B. Webb and Christopher R. Fee, (ed.), Mark M. Chambers, “Black Lung Disease Illness,” in *Energy in American History: A Political, Social, and Environmental Encyclopedia* (ABC-CLIO, Inc., January 2023)

Jeffrey B. Webb and Christopher R. Fee, (ed.), Mark M. Chambers, “Joseph Austin Holmes: First Director of the U.S. Bureau of Mines,” in *Energy in American History: A Political, Social, and Environmental Encyclopedia* (ABC-CLIO, Inc., January 2023)

Jeffrey B. Webb and Christopher R. Fee, (ed.), Mark M. Chambers, “Mineral Leasing Act of 1920 and Developing Minerals Deposits,” in *Energy in American History: A Political, Social, and Environmental Encyclopedia* (ABC-CLIO, Inc., January 2023)

Jeffrey B. Webb and Christopher R. Fee, (ed.), Mark M. Chambers, “Miner’s and Laborer’s Benevolent Association to National Union,” in *Energy in American History: A Political, Social, and Environmental Encyclopedia* (ABC-CLIO, Inc., January 2023)

“Smelting Through the Ages: A History,” J. Ciment (Ed.), *Discovery and Invention: A Historical Encyclopedia of Science, Technology, and Society* (Forthcoming). New York: M.E. Sharpe, Inc.

“Alloys and Metals,” J. Ciment (Ed.), *Discovery and Invention: A Historical Encyclopedia of Science, Technology, and Society* (Forthcoming). New York: M.E. Sharpe, Inc.

“The Development of Windlass Technology: A History,” J. Ciment (Ed.), *Discovery and Invention: A Historical Encyclopedia of Science, Technology, and Society* (Forthcoming). New York: M.E. Sharpe, Inc.

#### ***AWARDS AND GRANTS***

- \* Co-PI, 2022 – 2025 NSF – Collaborative Research Grant, “Data, Science, and Environmental Justice at the Environmental Protection Agency.”
- \* 2021, Center for Changing Systems of Power Faculty Seed Grant. Writing the history of the Southampton African American Museum, which housed a former Black barber/beauty shop and juke joint, built in the 1940s by Emanuel Seymore. For more than half a century, this site was one of the leading Black-owned businesses on Long Island and a vital gathering place for Southampton’s African American community.
- \* 2019, FAHSS ( Faculty in the Arts, Humanities and lettered Social Sciences), Research and Interdisciplinary Initiatives Fund supported by the Offices of the Provost, Vice President for Research, and the Dean of the College of Arts and Sciences at Stony Brook University.
- \* 2017, President’s Distinguished Travel Grants for Faculty in the Fine Arts, Humanities, and Lettered Social Sciences, Stony Brook University.
- \* 2017, Student Athletes, Stony Brook University “MVP” Most Valuable Professor.
- \* 2013, Nominated, Adelphi University, Teaching Excellence Award.
- \* 2012, Invited and Inducted into the National Honor Society of Chi Alpha Epsilon.
- \* 2011, History of Science Society Travel Grant, Cleveland Meeting.
- \* 2009, Hugh Cleland Award for Innovative Teaching, History Department.
- \* 2008, Dissertation Research Grant, Early American Industries Association.
- \* Graduate Assistantship & Tuition Scholarship, History Department.
- \* Tuition Scholarship, History Department, Washington University in St. Louis.
- \* Research Assistantship, Education, Washington University in St. Louis.
- \* Tuition Scholarship, Department of Education, Washington University in St. Louis.
- \* Marguerite Ross-Barnett Scholarship, Washington University in St. Louis.

## ***PROFESSIONAL & PUBLIC PRESENTATIONS AND INVITED TALKS***

- \* Chair, *Mineral Resource Extraction and the Settler Colonization of Eastern North America* ASEH 2023
- \* ['A Long View: Lead and Its Impact on the Village des Mines Community'](#)  
Introduction to an early French community in Missouri that used collective action to protect themselves from lead poisoning and how work like this is still important today as we organize communities to take action in environmental justice. frank gathering, Feb. 15-17, 2023 (frankgathering.org)
- \* Co-author, [Civic Science Sparks With Environmental Data and Governance Initiative \(EDGI\) Civic Science Fellows Mark Chambers and Kelsey Breseman](#) on civic science network's building connections to journey across fields and cultures.
- \* Facilitator – Rita Allen Civic Science Fellow, *Civic Science Fellows Plenary*, “Bridging Cultural Divides, Together” with Civic Science Fellows, The Practice and Science of Civic Science Advisory Committee, centered on the question: “How can we support the Fellows and our network in bridging divides through civic science work?” April 26, 2022.
- \* Discussant –The Heckscher Museum of Art: Environmental Justice Panel Discussion on environmental inequality and justice on Long Island with Jeremy Dennis, a contemporary fine art photographer, tribal member of the Shinnecock Indian Nation, and founder of Ma's House. April 5, 2022.
- \* Facilitator – Humanities New York Reading & Discussion Program & The Long Island Museum, Stony Brook, New York: Lead participants through a series of thematically linked texts over the course of four, five, or six sessions. 2020 – 2021
- \* *Consulting Project – The Long Island Museum, Stony Brook, New York: Long Road to Freedom: Surviving Slavery on Long Island*, Historical Research Coordinating Team organized to explore Civil War and Civil Rights Movement legacies of Long Island slavery examined to present how we think about race and relate to one another on institutional and individual levels even today. Fall 2018 to Spring 2019.
- \* Co-organizer, Center for the Study of Inequalities, Social Justice, & Policy Works-In-Progress #1: “Overaccumulation, Crisis, and the Contradictions of Household Waste Sorting” and “Echoes of Rising Tuition in Students' Borrowing, Educational Attainment, and Homeownership in Post-Recession America.” 2019
- \* Co-organizer, Center for the Study of Inequalities, Social Justice, & Policy Works-In-Progress #2: “When the Personal Becomes the Political: Early Career Experiences of LGBTQ+ University Faculty” and “When “Academic Decadence” Breeds “Gender Insanity”: Queer Threats to/Theories of the US University.” 2019

- \* Co-organizer, Symposium – Stony Brook University, Africana Studies Celebrates 50 Years In honor of Dr. Amiri Baraka, “An Urgent Voice for Liberation in Times of Trouble”: Speakers, Dr. Komozi Woodward, Dr. Michael Collins, Dr. Whitney Strub, and Dr. Zebulon Vance Miletsky. 2018
- \* “Intercultural Origins of St Louis and the Trans Mississippi West 1800-1840,” St. Louis University, St. Louis, Missouri. 2018
- \* Jupiter Hammon Reading, Symposium, *Long Road to Freedom: Surviving Slavery on Long Island*, Long Island Museum, Stony Brook, NY, 2019.
- \* “Researching the African-American Family in the Eighteenth & Nineteenth Centuries,” Southampton L.I. Public Library: African American Genealogy 2018.
- \* “Investigating Hybridity and Technology Transfer in a Frontier Community,” Department of Africana Studies, Stony Brook University, 2016.
- \* Key Note Address: “Investigating the Experiences of African Americans in STEM Fields: The Intersection of Race and Innovation, 1734 to 1907”, Coney Island Hospital Black History Month, Brooklyn New York, 2014.
- \* “Land of Ores, Country of Minerals: Grey Gold Cultural Influences and Material, 1719–1839,” Annual – American Historical Society, New Orleans, LA. 2013.
- \* "Unearthing Science and Early Networks," History of Science Society, Cleveland, OH, 2011.
- \* “Penning Narratives and Sketching Illustrations: Descriptions of a North American Mining Site,” American Society for Environmental History, Portland, OR. 2010
- \* “Land of Ores, Country of Minerals”: Knowledge Production Along a River of Gray Gold, American Society for Environmental History, Tallahassee, Fl. 2009.
- \* “Land of Ores, Country of Minerals: Tracing a River of Gray Gold from the Ground into Human Society,” Department of History, Stony Brook University.
- \* “Cartography and Cartographic Imagery: Culture and Consciousness, 1000-2005 A.D.” University of Texas at Arlington, Arlington, TX.
- \* “Ste. Genevieve Missouri: Early Settlement and Intercultural Practices among Native Americans, French Settlers, and Africans,” Washington University in St. Louis.

## ***TEACHING***

### **Environmental History:**

- \* Graduate Seminar: Environmental History on the International Stage
- \* Senior Colloquium: Nature, Race, Technology and Environmental Justice
- \* Environmental History of North America.
- \* Race, Nature, and the Modern Color Line.
- \* The History of Natural Disasters in North America.
- \* History, Environment and Technology.

### **African American History:**

- \* Seminar: Research in Africana Studies.
- \* Integrating the Histories of Science, Technology, Engineering, and Medicine.
- \* Race, Nature, Technology, and the Modern Color Line.
- \* Themes in the Black Experience – Survey in African American History.
- \* Slavery in the Western Hemisphere.
- \* The African American Family.
- \* Civil Rights and Black Power.
- \* Black Popular Culture and the Terrain.
- \* Exploring African American Inventors & Expository Writing.

### **African History**

- \* Environment and Development in African History.

### **United States History:**

- \* U.S. History Survey.
- \* Race and Gender in American Film History.
- \* Civil War and Reconstruction Geography and Health
- \* Democracy and Capitalism.
- \* The History of New York to 1898.
- \* Change and Reform, United States 1877 to 1919.
- \* United States and the Middle Period.
- \* History of American Popular Culture.
- \* 20<sup>th</sup> Century American Cultural History.
- \* Modern America, 1919 to the Present.

### **History of Science, Technology, and Medicine:**

- \* Integrating the Histories of Science, Technology, Engineering, and Medicine.
- \* History of Science, Technology, and Medicine in Western Civilization I & II.
- \* Environment and Technology beyond the Thirteen Colonies.
- \* River to River: Early Frontier Encounters and Inventions.

### ***TEACHER and LANGUAGE TRAINING***

- \* Center for Teaching Excellence workshops on teaching online, pandemic teaching, remote learning, other topics, Stony Brook University, 2020.
- \* “The Trial of Anne Hutchinson: Liberty, Law, and Intolerance in Puritan New England,” *Reacting To The Past* Annual Conference, Barnard College, New York.
- \* “New York City in the American Revolution, 1775-1776,” *Reacting To The Past* Annual Conference, Barnard College, New York.
- \* Certificate. Korean Language & Culture, Yonsei University, Seoul, South Korea.

### ***DEPARTMENT(S) AND UNIVERSITY SERVICE***

#### Stony Brook University:

- \* Faculty Affiliate in Stony Brook University’s Center for the Study of Inequality, Social Justice and Policy, Colloquium Series Coordinator, 2018-2019.
- \* Educational Opportunity Program/Advancement on Individual Merit, EOP/AIM 2008 – present.
- \* Faculty Advisor, Cadence Step Team, 2013 – 2017.
- \* Commentator, Undergraduate Research & Creative Activities, 2005.
- \* Colloquium Series Coordinator, Department of History, 2004-2005.

#### Stony Brook University, Department of Africana Studies:

- \* 50<sup>th</sup> Anniversary Celebration, Spring 2018
- \* Suffolk County High School Inaugural Essay Competition, 2016-2017.
- \* Commencement Organizer, 2016 – 2018.
- \* Co-organizer, Tour of the African Burial Ground Museum, NYC, 2017.
- \* Colloquia – Dr. Christopher Matthews, Montclair State University – “From Creole Synthesis to Racial Modernity: An Archaeology of the Native and African American Community in Setauket, New York,” 2016.
- \* Graduate Assistant, African Literature Association, Dr. E. Anthony Hurley.

#### Washington University in St. Louis

- \* Missouri Department of Natural Resources, Ste. Genevieve, Research Assistant.
- \* Washington University in St. Louis, Research Assistant, Dept. of Education.

***PROFESSIONAL SERVICE***

- \* Editor, H-Environment, 2014 – 2020.

***PROFESSIONAL AFFILIATIONS***

- \* American Society for Environmental History
- \* Association for the Study of African American Life and History
- \* American Historical Association
- \* History of Science Society