

SUSANNAH GLICKMAN
Curriculum Vitae

EMPLOYMENT

Assistant Professor in History, Stony Brook University 2023 - Present

EDUCATION

Ph.D., History, Columbia University August 2023

- Dissertation: *Histories, 'Tech', and a New Central Planning*
- Committee: Matthew L. Jones (advisor), Anders Stephanson, Timothy Mitchell, Alma Steingart, Richard John

M.Phil., US History Columbia University 2019

- Teaching Fields: History of Science (Marwa Elshakry), History of Temporality (Adam Tooze), 19th Century American History (Stephanie McCurry), 20th Century American History (Anders Stephanson), Science and Technology Studies (Matthew Jones)

M.A., US History Columbia University 2018

B.A. Anthropology and Mathematics, Reed College 2015

- Completed year-long Anthropology thesis on the use of body metaphors across cybernetics, finance, and medicine
- Completed year-long Mathematics thesis producing original research in the field of quantum algorithms, specifically on optimal queries for Dihedral Hidden Subgroup problem

FELLOWSHIPS AND GRANTS

Visiting Senior Research Fellow SIGMA, University of Edinburgh	2025-2026
Stony Brook Humanities Center Faculty Fellowship	2025-2026
Rhodes Center Political Economy of Finance Training Grant	2025
Diversity of Mathematical Research Cultures and Practices Fellowship	2024-2026
Science History Institute Haas Fellowship	2023-2024
SIGMA Research Fellowship (declined)	2023-2028
Science History Institute Cain Fellowship	2022-2023
Zuckerman Dissertation Fellowship	2022-2023
Beckman Center Dissertation Fellowship (declined)	2022-2023
EASST Conference Grant	2022
IEEE Life Member's History Fellowship	2021-2022
Heyman Center Fellowship	2021-2022
Graduate Student Core Preceptorship (declined)	2021-2023
4S Conference Grant	2021
IBM History Research Grant	2021
HSS/SHOT Participation Grant	2020
International Fellows Program	2019-2020
Brebner Travel Grant	2019
Weatherhead Ph.D. Training Grant	2019
Weatherhead Ph.D. Training Grant	2018
Summer Pre-Prospectus Research Travel Grant	2018

PUBLICATIONS

- Glickman, Susannah. “Dots on a graph: The Political Economy of Exponential Growth.” Accepted for publication Social Studies of Science.
- Glickman, Susannah. “The War Over Defense Tech” *New York Review of Books* October 4th, 2025.
- Glickman, Susannah. “Chips on the Table.” *The American Prospect*, January 30th, 2025.
- Glickman, Susannah. “AI and Tech Industrial Policy: From post-Cold War post-industrialism to post-neoliberal re-industrialization.” In *AI Nationalism(s): Industrial Policy Approaches to AI*. AI Now Institute, March 5th, 2024.
- Glickman, Susannah. “Corporate Capture in California.” *The American Prospect*, September 11th, 2023
- Glickman, Susannah. “Semi-Politics | Susannah Glickman.” *Phenomenal World*, June 24, 2023.
<https://www.phenomenalworld.org/analysis/semi-politics/>.
- Glickman, Susannah. “Scientists, Engineers, and the End of the Vietnam War.” Science History Institute, May 19, 2023. <https://sciencehistory.org/collections/blog/scientists-engineers-and-the-end-of-the-vietnam-war/>.
- Glickman, Susannah. “The History of Technoscientific Promises and the Promises of Technoscientific History.” *European Association for the Study of Science and Technology Review* 42, no. 2 (October 28, 2022): 46–50.
- Glickman, Susannah. “The Gulf States’ Tech Play” - *The American Prospect*, March 17, 2022.

INVITED PRESENTATIONS AND MEDIA

- Invited Media Appearance. The Cogs of War Podcast. November 2025.
- Invited Media Appearance. "Behind the News" KPFA, 94.1 FM Berkeley. October 20th, 2025.
- Invited Lecture. “Will the Robots Take Your Job?: “On Labor and Automation,” Stony Brook University, Spring 2026.
- Invited Paper. “The Political History of the Networked World.” Center for Economy and Society. Johns Hopkins University, October 23- 25th, 2025.
- Invited Media Appearance. “History and Future of Intel.” *Odd Lots Podcast (Bloomberg News)*. October 2025.
- Invited Speaker. “Philosophy is too Important to be Left to the Philosophers”: On Cold War Crises and Quantum Technologies” Institute for Advanced Study. Princeton University, October 1, 2025.
- Invited Speaker. “Philosophy is too Important to be Left to the Philosophers”: On Cold War Crises and Quantum Technologies.” Union College STS Seminar, Annual STS Guest Lecture. Union College, October 16-17th 2025.

Invited Speaker. “A Defense-Industrial Genealogy of Anti-Neoliberalism.” Cornell Tech Digital Life Initiative Seminar. Cornell Tech, March 20th, 2025.

Invited Speaker. “What can the chemical industry learn from the semiconductor industry?” TT Chao Symposium: Transitioning to a Sustainable Chemical Industry. Science History Institute, February 5th, 2025.

Invited Paper. “Dots on a Graph: The Politics of Exponential Growth.” Political Economy of Computing and Technology Workshop. Silicon Valley Archives, Stanford University, December 5th, 2024

Invited Speaker. “The Politics of Exponential Growth: AI, Hardware and Industrial Policy.” VOILA! Seminar: Visions of Intelligence Artificielle. University of Cote d’Azur, French School of AI and 3IA Institute. December 5th, 2024.

Invited Media Appearance. City Works, CUNY-TV. December 2nd, 2024.

- City University of New York’s 24-hour television station, reaching 7.3 million broadcast households in the New York metropolitan area.

Invited Paper. “The Politics of Exponential Growth: Computer Chips, Quantum Dreams, and Post-Industrial History.” Columbia Science Studies Working Group. November 22, 2024.

Invited Speaker. Conference on the Political Economy of Artificial Intelligence, Ash Center for Democratic Governance and Innovation, Harvard University, May 8th, 2024.

Glickman, Susannah. “AI and Tech Industrial Policy: From post-Cold War post-industrialism to post-neoliberal re-industrialization.” In *AI Nationalism(s): Industrial Policy Approaches to AI*. AI Now Institute, March 5th, 2024.

Glickman, S. “Pioneering the physics of adaptation, writing the history of quantum computing.” Physics World Podcast. Oct. 26, 2023.

Invited Speaker. Three short talks: “Charles Bennett”, “Peter Shor”, “Steve Girvin”. QC40: Physics of Computation Conference 40th Anniversary, IBM, Yorktown Heights, NY, May 6th, 2021

Glickman, S. “Episode 1.” IBM History of Quantum Information Podcast. May 6th, 2021.

IN PROGRESS

“Efficiency.” *MAST*, forthcoming, [invited].

“A Tale of Two Labor Movements.” *Labor*, forthcoming [invited].

“The Global Labor (Pre)History of AI.” (co-edited with Aaron Benanav, with co-written introduction to the special issue), *International Labor and Working Class History*, forthcoming. [invited]

Imagined Technologies: The Semiconductor, the Tech Boom, and the Politics of Exponential Growth (book manuscript, out for review with series editors at Johns Hopkins University Press and University of Chicago University Press).

TEACHING EXPERIENCE

Spring 2025

Writing History in Time

History of Science, Technology, and Medicine

Stony Brook History Department

Fall 2024

Technologies of Capitalism

Cold War Sciences

Stony Brook History Department

Spring 2024

Technologies of Capitalism

History of Science, Technology, and Medicine

Stony Brook History Department

Fall 2023

History of Science

Cold War Sciences

Stony Brook History Department

Spring 2020

Teaching Fellow for Data: Past, Present, Future

Prof. Matt Jones and Chris Wiggins

Fall 2019

Teaching Fellow for History of Sport and Society in the Americas

Prof. Frank Guridy

Spring 2019

Teaching Fellow for Data: Past, Present, Future

Prof. Matt Jones and Prof. Chris Wiggins

Spring 2019

Teaching Fellow for United States Diplomatic History 1898-1990

Prof. Anders Stephenson

Fall 2018

Teaching Fellow for History of US-East Asian Diplomatic Relations

Prof. Lien-Hang Nguyen

Spring 2018

Teaching Fellow for History of the Civil War and Reconstruction

Prof. Stephanie McCurry

Spring 2017

Teaching Fellow for American History 1918-1945

Prof. Jarod Roll

RESEARCH EXPERIENCE AND OTHER EMPLOYMENT

Summer 2020

Research Assistant

Prof. Anders Stephenson

Research on Cold War science and computing

September 2019-2023 Columbia University New York, NY
University Seminar Rapporteur
20th Century Politics and Society Seminar

January 2013-August 2016 Harvard University Boston, MA
Research Assistant

Aaron Mauck Lecturer in the History of Science
Researched biomarkers—the term generally and specific instances such as cortisol, oxytocin, etc... Drafted co-authored articles on the history of the term biomarker

May 2015-May 2016 Reed College Portland, OR

Researcher

Prof. James Pommersheim
Continuation of my thesis research in quantum computing
Teaching for seminar on quantum computing comprised of Dr. Pommersheim's students

Spring 2013-Spring 2015 Reed College Portland, OR

Reed Math Department Grader

Graded papers for Analysis and Algebra classes

CONFERENCE ACTIVITY AND PRESENTATIONS

Panels Organized

"A History of Anti-Neoliberalism: US Developmentalism, and Neoliberalism Reconsidered." ASA, San Juan, November 20-22nd, 2025.

"The Power of Technological Promises: Quantum Technologies as an Emerging Field." EASST, Madrid, July 8th, 2022.

"Quantum Technologies as Technological Promise: Toward an Uncertain Future." 4S, Toronto, October 8th, 2021.

Papers Presented

"A Defense Industrial Critique of Neoliberalism." ASA, San Juan, November 20-22nd, 2025.

"A Tale of Two Labor Movements." 4S, Seattle, September 4th, 2025.

"Dots on a Graph: Moore's Law and the Roadmap." Science History Institute, Philadelphia, June 17th, 2024.

"Defense Engineers and Small Business." Science History Institute, Philadelphia, May 7th, 2024.

"Justice for Small Businesses: How Startups Started Up." Society for History of Technology, Los Angeles, October 28th, 2023.

"Heritage vs Atari Doms: Whither the Future of Post-Cold War Governance?" Columbia Science Studies Workshop, NYC, March 24th, 2023.

ss"Histories, Tech, and a New Central Planning." Science History Institute, Philadelphia, January 10th, 2023.

"Chapter Three: Moore's Law, Roadmapping, and a New Industrial Policy." Columbia International History Workshop, NYC, October 19th, 2022.

“The History of Technoscientific Promises and the Promises of Technoscientific History.” Columbia Science Studies Workshop, NYC, September 30th, 2022.

“From Science Fiction to Institutional Fact.” EASST, Madrid, July 8th, 2022.

“Roadmapping: Moore Than You Would Think”. The Heyman Center Fellowship Seminar, NYC, November 30th, 2021.

“Moore Than You Would Think: How the State Learned to Hide Industrial Policy 1980-2010”. The Columbia Science Studies Workshop, NYC, November 12th, 2021.

Moderated Panel “Quantum Technologies as Technological Promise: Toward an Uncertain Future”. 4S, Toronto, October 8th, 2021.

“Quantum Nationalisms and Internationalisms”. 4S, Toronto, October 8th, 2021.

“Moore of the Same: The Institutionalization of Moore’s Law in National Security and Industrial Policy”. IIGSS Seminar, NYC, January 19th, 2021.

Invited Respondent “Silicon Stakes: Controversy in Copyright before The Chip Act” The Columbia Science Studies Workshop, NYC, October 2nd, 2020.

“The Construction of Quantum Histories and Futures” SHOT, New Orleans, October 10, 2020.

“Producing Credible Quantum Futures: Planning the Transition from Science Fiction to Institutionalized Fact” 4S, Prague, August 21, 2020.

“How to Deal with Failure: Performativity, Uncertainty and Goodhart’s Law through Crises in Monetary Policy and Macroeconomics 1978-1995” The Columbia Science Studies Workshop, NYC, March 30, 2020.

Invited Respondent “Teaching a Machine to be Creative: Early Machine Learning, 1948–1963” The Columbia Science Studies Workshop, NYC, December 9th, 2019.

“How to Deal with Failure: Performativity, Uncertainty and Goodhart’s Law through Crises in Monetary Policy and Macroeconomics 1978-1995” SIGSIS, Milan, October 27th, 2019.

SSRC Fellow Seminar on “Mechanical Rules before Machines: Rules and Paradigms” with Lorraine Daston, NYC, February 5th, 2019.

DEPARTMENTAL/UNIVERSITY SERVICE AND AFFILIATIONS

Graduate Student Contact Tree Program Organizer	2025
Long Island AFL-CIO Delegate	2024-Present
Statewide UUP Delegate (elected)	2025-2026
Modern China Search Committee	2024 - 2025
Climate/Ombuds Committee	2024 - 2025
Long Island AFL-CIO Leadership Training Course	2024-2025
Undergraduate Curriculum Committee	2023 - 2024
UUP Department Representative	2023 - Present
Future of Higher Education UUP Statewide	2023 - Present
Elected Delegate to UAW National Special Bargaining Convention	2023
Lead Organizer for Union Local UAW Regional and National Elections	2022 - 2023
History Department Union Rep. and Campaign Lead	2018 - 2023

Double Discovery Center Tutor	2022 - 2023
University Seminar Rapporteur for 20th Century Politics and Society Seminar	2019 - 2023
Organized Comparative Analog Methods and Practices Talk Series	2017 - 2018

RESEARCH INTERESTS

- History of Science and Technology, Labor, STS, US History, Political Economy, Quantum Mechanics and Quantum Computing, Economic History, Business History, International Networks, Globalization

PROFESSIONAL AFFILIATIONS

- Society for History of Technology
- American Historical Association
- Society for Social Studies of Science
- American Studies Association
- The Special Interest Group for Computing, Information and Society