

**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
- Research on history of quantum computing, 'tech', semiconductor industry history, cryptography, macroeconomics
- Ongoing fieldwork in quantum computing community, semiconductor industry, archival work on same topics

**M.Phil.**, US History Columbia University 2019

- Teaching Fields: History of Science (Marwa Elshakry), History of Temporality (Adam Tooze), 19<sup>th</sup> Century American History (Stephanie McCurry), 20<sup>th</sup> 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**

Diversity of Mathematical Research Cultures and Practices Fellowship	2024-2025
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
Richard Hofstadter Fellow & Doctoral Student in History	2016–2023

## PUBLICATIONS

Glickman, Susannah. “Chips II Years Out: Land, Labor, and Capital.” *Phenomenal World*, forthcoming (end of September).

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 5<sup>th</sup>, 2024.

Glickman, Susannah. “Corporate Capture in California.” *The American Prospect*, September 11<sup>th</sup>, 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.

## 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

**INVITED PRESENTATIONS AND MEDIA**

Invited Speaker. VOILA! Seminar: Visions of Intelligence Artificielle. University of Cote d'Azur, French School of AI and 3IA Institute. November 21, 2024.

Invited Speaker. Conference on the Political Economy of Artificial Intelligence, Ash Center for Democratic Governance and Innovation, Harvard University, May 8<sup>th</sup>, 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 5<sup>th</sup>, 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**

"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.

*The Politics of Exponential Growth: Computer Chips, Quantum Dreams, and Post-Industrial History* (book manuscript).

## **CONFERENCE ACTIVITY AND PRESENTATIONS**

### **Panels Organized**

“The Power of Technological Promises: Quantum Technologies as an Emerging Field.” EASST, Madrid, July 8<sup>th</sup>, 2022.

“Quantum Technologies as Technological Promise: Toward an Uncertain Future.” 4S, Toronto, October 8<sup>th</sup>, 2021.

### **Papers Presented**

“Justice for Small Businesses: How Startups Started Up.” Society for History of Technology, Los Angeles, October 28<sup>th</sup>, 2023.

“Heritage vs Atari Demos: Whither the Future of Post-Cold War Governance?” Columbia Science Studies Workshop, NYC, March 24<sup>th</sup>, 2023.

“Histories, Tech, and a New Central Planning.” Science History Institute, Philadelphia, January 10<sup>th</sup>, 2023.

“Chapter Three: Moore’s Law, Roadmapping, and a New Industrial Policy.” Columbia International History Workshop, NYC, October 19<sup>th</sup>, 2022.

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

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

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

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

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

“Quantum Nationalisms and Internationalisms”. 4S, Toronto, October 8<sup>th</sup>, 2021.

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

Climate/Ombuds Committee	2024-2025
Undergraduate Curriculum Committee	2023-2024
UUP Department Representative	2023 - Present
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, 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
- The Special Interest Group for Computing, Information and Society