

# Samantha Jo Fried

## Program Manager

Civic Studies | Science, Technology, and Society (STS)  
Jonathan M. Tisch College of Civic Life  
Tufts University

### Education

- **PhD, Virginia Polytechnic & State University | 2014-2019**  
Science, Technology, and Society  
Dissertation: *"Landsat in Contexts: Deconstructing and Reconstructing the Data-to-Action Paradigm in Environmental Remote Sensing"*
- **Graduate Certificate in Remote Sensing, Virginia Polytechnic & State University | 2019**  
Remote Sensing Interdisciplinary Graduate Education Program (IGEP)
- **MS, Virginia Polytechnic & State University | 2014-2016**  
Science, Technology, and Society
- **MA, Georgetown University | 2012-2014**  
Communication, Culture, & Technology  
Thesis (with Distinction): *"Quantify This: Statistics, the State, and Governmentality"*
- **BA, Goucher College | 2007-2011**  
Communications & Media Studies Major, German Minor  
Graduated *cum laude*

### Positions Held

- **Program Manager: Science, Technology, and Society (STS) and Civic Studies Programs**  
Jonathan M. Tisch College of Civic Life | Tufts University | November 2020-Present  
*Supervisor: Dr. Peter Levine*
- **Postdoctoral Fellow in Civic Science at the Jonathan M. Tisch College of Civic Life**  
Jonathan M. Tisch College of Civic Life | Tufts University | May 2019-October 2020  
*Advisor: Dr. Peter Levine* | Supported by the Kettering Foundation
- **Graduate Research Fellow in Remote Sensing**  
Virginia Polytechnic Institute & State University | August 2014-May 2019  
*Advisor: Dr. Saul Halfon*
- **Research Assistant, NSF-funded project on research infrastructure**  
Georgetown University | June 2013-July 2014  
*Advisor: Dr. David Ribes*

## Teaching + Advising

- **STS 0198-0199: Senior Thesis Chair** | Science, Technology, and Society (STS) at Tufts University  
Fall 2020-Spring 2021  
Advisee: Grant Versfeld
- **STS 0197: Senior Capstone** | Science, Technology, and Society (STS) at Tufts University  
Fall 2020-Spring 2021  
Advisee: Bobby Wells
- **STS 0196: Independent Study in STS & Chemistry** | Science, Technology, and Society (STS) at Tufts University  
Fall 2020  
Advisee: Sowtharya Ayyappan
- **STS 0010: Power Reading Lab** | Science, Technology, and Society (STS) at Tufts University  
Fall 2020
- **STS 0010: Energy Reading Lab** | Science, Technology, and Society (STS) at Tufts University  
Spring 2020
- **STS 0010: Automation Reading Lab** | Science, Technology, and Society (STS) at Tufts University  
Fall 2019
- **CVS 0150: Science and Civic Action** | Civic Studies at Tufts University  
Fall 2019 | co-instructor with Jonathan Garlick
- **STS/HIST/SOC 2604: Introduction to Data in Social Context** | Science, Technology, and Society (STS) at Virginia Tech  
Fall 2018
- **STS 1504: Introduction to Science & Technology in Society** | Science, Technology, and Society (STS) at Virginia Tech  
Spring 2017

## Select Talks and Presentations

### *Invited Talks*

- **“Competing Notions of Security in Earth Remote Sensing”**  
Water Seminar | Department of Civil & Environmental Engineering | University of Washington  
June 10<sup>th</sup>, 2021: Seattle, WA (virtual)
- **“Environmentalism/National Security in Remote Sensing”**  
STS Lunch Seminar | Science, Technology and Society Program | Tufts University  
October 25<sup>th</sup>, 2019: Medford, MA

### *Conference and Workshop Presentations*

- **“Earth Remote Sensing Technologies and National Security”**  
Junior Faculty Research Workshop | Jonathan M. Tisch College of Civic Life | Tufts University  
February 18<sup>th</sup>, 2020: Medford, MA
- **“Landsat in Contexts: Deconstructing and Reconstructing the Data-to-Action Paradigm in Environmental Remote Sensing”**

Science and Democracy Network | Science, Technology and Society | Harvard University  
August 30<sup>th</sup>, 2019: Boston, MA

- **“Landsat in Contexts: Deconstructing and Reconstructing the Data-to-Action Paradigm in Environmental Remote Sensing”**  
Remote Sensing Dissertation Seminar | Remote Sensing IGEP | Virginia Tech  
March 4<sup>th</sup>, 2019: Blacksburg, VA
- **“Landsat in Contexts: Deconstructing and Reconstructing the Data-to-Action Paradigm in Environmental Remote Sensing”**  
STS Dissertation Seminar | Science, Technology, and Society | Virginia Tech  
February 15<sup>th</sup>, 2019: Blacksburg, VA
- **“Origins of Landsat”**  
Southeastern Philosophy of Technology (SEPOT) Workshop | UNCC  
September 29<sup>th</sup>, 2018: Charlotte, NC
- **“Pixel or it Didn’t Happen: Thinking Through the Pixel Paradigm in Terrestrial Remote Sensing”**  
20th Conference of the Society for Philosophy and Technology (SPT) | Technische Universität Darmstadt  
June 17<sup>th</sup>, 2017: Darmstadt, Germany
- **“Frogging: Knit Together in the Womb”**  
Feminist MakerSpace at Gender, Bodies, & Technology | Virginia Tech  
April 22<sup>nd</sup>, 2016: Roanoke, VA
- **“Ground Truth: Validity and Remote Sensing”**  
Southeastern Philosophy of Technology (SEPOT) Workshop | UNCC  
September 12<sup>th</sup>, 2015: Charlotte, NC
- **“Quantify This: Statistics, the State, and Governmentality”**  
STGlobal | National Academy of Sciences  
April 4<sup>th</sup>, 2014: Washington, DC

## Publications

- Fried, S., & R. Rosenberger. (2021). *Postphenomenology and Imaging: How To Read Technology*. Lexington Books.
- Fried, S. (2021). Toward a More Equitable Landsat, Using Frameworks from Postphenomenology. In Fried, S., & R. Rosenberger. *Postphenomenology and Imaging: How To Read Technology*. Lexington Books.
- Fried, S. (2020). Satellites, War, Climate Change, and the Environment: Are We at Risk for Environmental Deskillling? *AI and Society*, 1-9.
- Fried, S. (2020). How Climate Science Could Lead to Action. *American Scientist*. 108(1), 34-41.
- Fried, S. (2019). Collaborative Review Part 2: What Makes Interdisciplinarity Unique? *Social Epistemology Review and Reply Collective*. 8(9): 73-76.
- Fried, S. (2018). *Vallor’s Virtue Ethics are Creative, Intrepid, and Profoundly Feminist*. Review of Technology and the Virtues by Shannon Vallor. *Techné: Research in Philosophy and Technology*. 22(1): 135-137.

## Service

- **Appointee**, Task Force on Energy and the Environment, Tufts University, Spring 2021-present
- **Resource Partner**, Rita Allen Foundation Civic Science Fellows, Spring 2020-present
- **President**, Graduate Student Assembly at Virginia Tech, AY2018-19
- **Director of Communications**, Graduate Student Assembly at Virginia Tech, AY2018-17
- **Director of Communications**, Graduate Student Assembly at Virginia Tech, AY2016-17
- **Delegate**, Graduate Student Assembly at Virginia Tech, AY2015-16
- **Webmaster** for *gnovis*, CCT's student-run journal, Georgetown University, AY2013-14