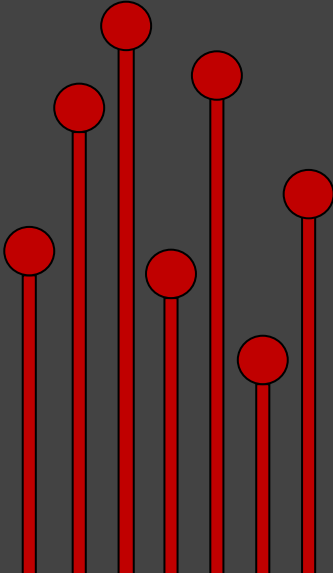
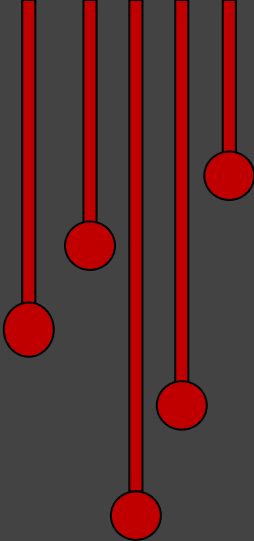




tech policy lab.

Cornell Tech Policy Lab
2021 Annual Report
Lab Director: Professor Sarah Kreps
Website: <https://tpl.as.cornell.edu/>



The Tech Policy Lab is a community of faculty, researchers and students investigating the intersection between technology and politics.

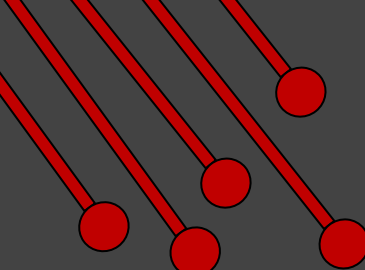
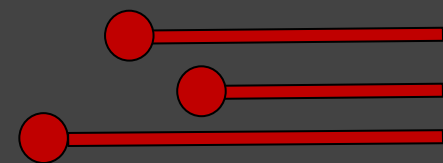
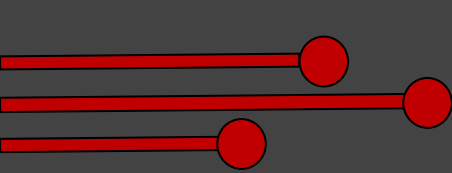


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Our People

Leadership Team

Sarah Kreps

- John L. Wetherill Professor of Government

Faculty Associates

Doug Kriner

- The Clinton Rossiter Professor in American Institutions

Gustavo Flores-Macias

- Assoc. Vice Provost for International Affairs
- Associate Professor of Government

Ricky Clark

- Assistant Professor of Government

Senior Fellows

Paul Lushenko

- Lieutenant Colonel, U.S. Army
- Doctoral Student in Government

Shyam Raman

- Doctoral Student in Policy Analysis and Management

Graduate Fellows

Amelia Arsenault, Doctoral Student in Government

Julie George, Doctoral Student in Government

Avishai Melamed, Doctoral Student in Government

Adi Rao, Doctoral Student in Government

Undergraduate Research Associates

Ishika Agrawal

Nikhil Bhatt

Gloria Cai

Amy Cui

Will Gao

Maximilian Griner

Max Hadden

Richard Li

Nina Miller

Meredith Moran

Tanvi Namjoshi

Lizzie Ominsky

Rohini Seshasayee

Evan Sierra

David Solsona Puertas

Alice Sze

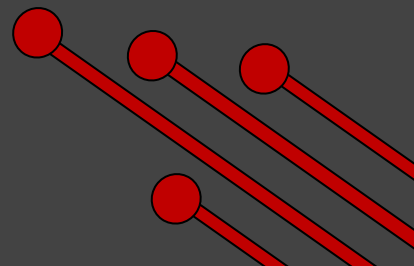
Joseph Tauzin

Aryan Valluri

Noah Watson

Ella White

Olaf Willner



Our Structure

Vision

The Cornell Tech Policy Lab aims to foster interdisciplinary and collaborative research at the intersection of technology and politics, with the ultimate purpose of influencing policy.

Mission

The Cornell Tech Policy Lab consists of a community of faculty and students that conduct innovative and empirical research to study the effects of emerging technologies on the politics of defense, democracy, and health in the United States and across the globe.

Research

Our research aims to answer questions that relate to the effects of emerging technologies on defense, democracy, and health.

Administrative Structure

- Director
- Advisory Board
- Senior Fellows
- Faculty Fellows
- Graduate Fellows
- Research Associates
 - Graduate
 - Undergraduate

Scope of Research

- How do emerging technologies such as artificial intelligence, cyber, and unmanned aerial vehicles – or drones – influence U.S. policy for the use of force abroad?
- What are the implications of online misinformation by foreign actors, both state and non-state, for U.S. electoral integrity?
- How does the emergence of the Liberal International Information Order, characterized by social media and crypto currencies, moderate democratic accountability and national security?
- How do we understand domestic and global implications of the evolving COVID-19 pandemic?

Our Work

Media Coverage

- Can the United States avoid civilian casualties during drone strikes? Our analysis says yes.
 - Paul Lushenko, Shyam Raman, Sarah Kreps
 - Irregular Warfare Institute at West Point, 11 February 2022
- Biden can reduce civilian casualties during US drone strikes. Here's how.
 - Paul Lushenko, Sarah Kreps, and Shyam Raman
 - Brookings Foreign Policy, 19 January 2022
- A More Just Drone War Is Within Reach
 - Paul Lushenko, Sarah Kreps, and Shyam Raman
 - Foreign Affairs, 12 January 2022
- The Second Drone Age Is Here and It's a Free-For-All
 - Paul Lushenko
 - Bloomberg, 2 January 2022
- Examining the impact of drone warfare on global world order
 - Paul Lushenko
 - Cornell Chronicle, 16 December 2021
- Global Order in the Age of the Drone
 - Paul Lushenko
 - Modern War Institute at West Point, 20 October 2021
- The mirage of clean 'over-the-horizon' air strikes
 - Sarah Kreps and Paul Lushenko
 - Responsible Statecraft, 19 October 2021

- US faces immense obstacles to continued drone war in Afghanistan
 - Sarah Kreps and Paul Lushenko
 - Brookings Tech Stream, 19 October 2021
- What happens now to U.S. counterterrorism efforts in Afghanistan?
 - Sarah Kreps and Paul Lushenko
 - The Washington Post, 21 September 2021
- The U.S. Army and the Future of U.S. Cyberwarfare
 - Paul Lushenko, Cornell Policy Review, 3 March 2021
- Fighting for Intelligence at Cornell University
 - Paul Lushenko, Cornell Policy Review, 2 October 2021

Books, Co-Edited Volumes, and Chapters

- *Drones and Global Order: Implications of Remote Warfare International Society*
 - Paul Lushenko, Srinjoy Bose, and William Maley, Routledge, 2022
- "Drone Warfare in Urban Conflict" in *Small Armies, Big Cities: Rethinking Urban Conflict*
 - Paul Lushenko and John Hardy, Lynne Rienner Publishers, 2022

Our Work

Invited Seminars and Conferences

- International Studies Association
 - Paul Lushenko, Nashville TN, 29 March 2022
- Naval War College
 - Paul Lushenko and Shyam Raman, Newport RI, 24 February 2022
- Association of Public Policy Analysis and Management
 - Shyam Raman, Austin TX, 07 November 2021
- Defense & Strategic Studies
 - Paul Lushenko, West Point NY, 10 October 2021
- Australian-American Leadership Dialogue
 - Paul Lushenko, Canberra Australia, 10 August 2021
- American Society of Health Economists (ASHEcon)
 - Shyam Raman, Austin TX, 10 July 2021
- International Studies Association
 - Julie George, Nashville TN, 28-30 March 2022
- Mini-Conference on the Politics of Emerging Technologies
 - Julie George and others, Proposal submitted to APSA 2022 (Montreal, Canada), September 15-18, 2022

Peer-Reviewed Publications

- “US Presidents’ Use of Drone Warfare”
 - Paul Lushenko, *Defense & Security Analysis*, 2022
- “(Mis)Information on Digital Platforms: Lessons from Twitter and Sina Weibo in the COVID-19 Pandemic”
 - Sarah Kreps, Julie George, Noah Watson, Gloria Cai, and Keyi Ding, *JMIR Infodemiology*, 2022
- “Review of the special issue ‘robotics autonomous systems and warfare,’”
 - Paul Lushenko, *Small Wars & Insurgencies*, 2021
- “Factors Associated With US Adults’ Likelihood of Accepting COVID-19 Vaccination”
 - Sarah Kreps, *JAMA Network Open*, 2020