

JEFFREY L. VAGLE

Georgia State University College of Law
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ACADEMIC POSITIONS

Georgia State University College of Law
Assistant Professor (2020-present)
Courses: Information Privacy Law, Cybersecurity
Law, Technology Law and Ethics

Stanford University Law School
Affiliate Scholar, Center for Internet and Society (2014-
present)

University of Pennsylvania Law School
Lecturer in Law and Executive Director, Center for
Technology, Innovation, and Competition (2014-2020)

EDUCATION

Temple University Beasley School of Law
J.D., January 2011
TEMPLE INT'L AND COMP. L.J., Editor-in-Chief
Barrister's Award for Excellence in Trial Advocacy

Boston University
B.A., Mathematics, *cum laude*, With Distinction in
Mathematics, May 2001
Honors: University Scholar, Honors College, Work
for Distinction
Thesis: *An Efficient Implementation of the Schoof-Elkies-
Atkin Algorithm for Counting K-Rational Points on Elliptic
Curves over Finite Fields*
Graduate Study in Algebraic Geometry and Algebraic
Number Theory

BOOKS

BEING WATCHED: LEGAL CHALLENGES TO GOVERNMENT
SURVEILLANCE (NYU Press, Dec. 2017)

THE CAMBRIDGE HANDBOOK OF SURVEILLANCE AND RACE
(Cambridge University Press, forthcoming 2020) (with
Khiara Bridges and Frank Wu)

ARTICLES

Cybersecurity and Moral Hazard, 23 STAN. TECH. L. REV. 71 (2020)

The History, Means, and Effects of Structural Surveillance, 9 NE. L. REV. 103 (2017)

Tightening the OODA Loop: Police Militarization, Race, and Algorithmic Surveillance, 22 MICH. J. RACE & L. 101 (2016)

Laird v. Tatum and Article III Standing in Surveillance Cases, 18 UNIV. OF PA. J. CONST. L. 1055 (2016)

Furtive Encryption: Power, Trust, and the Constitutional Cost of Collective Surveillance, 90 INDIANA L.J. 101 (2015)

Has Katz Become Quaint? Use of Big Data to Outflank the Fourth Amendment, Future of Privacy Forum/Stanford Center for Internet & Society, Big Data and Privacy Workshop Proceedings (Sep. 2013)

A Kind of Hydraulic Pressure: Extraordinary Rendition, State Secrets, and the Limits of Executive Power, Note, 22 TEMPLE INT'L & COMP. L.J. 523 (Fall, 2008)

BOOK CHAPTERS AND SYMPOSIA

The Implications of Ubiquitous Encryption, in CYBERSECURITY COMPENDIUM (George Mason University/Mercatus Center/Christian Science Monitor, 2017)

Cognitive Agents for Sense and Respond Logistics, LECTURE NOTES IN COMPUTER SCIENCE 3890 (2006) (co-authored with K. Greene, A. Buczak, D. Cooper, and M. Hofmann)

Adaptive Mirroring of System of Systems Architectures, PROCEEDINGS OF THE FIRST WORKSHOP OF SELF-HEALING SYSTEMS (2002) (co-authored with N. Combs)

A Gentle Introduction to Elliptic Curve Cryptography, BBN TECHNICAL REPORT 2000-05 (2000)

PRESENTATIONS

Panelist, *Digital Intermediaries and Political Communication*, European Consortium for Political Research (ECPR) General Conference, September 2016

Panelist, National Forum on Audiovisual Evidence Management Workshop, UCLA School of Information Studies, August 2016

Invited Lecturer, *Legal Issues Surrounding the iPhone Hacking Case*, University of Pennsylvania Law School, July 2016

Invited Lecturer, *The FBI, the iPhone, and the Law*, University of Pennsylvania Information Technology Conference, May 2016

Invited Lecturer, *Technology and the Fourth Amendment*, Prof. Matt Blaze's Technology and Policy Course, University of Pennsylvania, April 2016

Invited Lecturer, *Surveillance and International Order-Making*, Wharton School of the University of Pennsylvania, April 2016

Panelist, Workshop on Machine Learning and Regulation, University of Pennsylvania Law School, Penn Program on Regulation, January 2016

Discussant, *The Internet's Own Boy: The Story of Aaron Swartz*, University of Pennsylvania Libraries Workshop Series, November 2015

Panelist, *Ubiquitous Encryption, Security and Sustainability* Workshop, University of Pennsylvania School of Engineering, August 2015

Invited Lecturer, *Cybersecurity for Lawyers*, Temple University Law School, July 2015

Panelist, *The History, Means, and Effects of Structural Surveillance*, Digital Citizenship and Surveillance Society Conference, Cardiff University, June 2015

Invited Lecturer, *Whither 'Persons, Houses, Papers and Effects?'*
The Continued Relevance of the Fourth Amendment in the Post-Snowden Era, Contemporary Legal Issues Series, Albright College, April 2015

Panelist, *ACLU v. Clapper: Issues the Court Did Not Reach*, University of Pennsylvania Journal of Constitutional Law Symposium, January 2015

Panelist, Cybersecurity and Law Enforcement Back Doors, University of Pennsylvania Wharton School of Business Risk Regulation Seminar, December 2014

Panelist, Perspectives in Cybersecurity Law, Pennsylvania Bar Association, August 2014

Host, Organizer, and Moderator on *Worthwhile Tradeoffs: Surveillance in a Constitutional Democracy*, Philadelphia Bar Association/National Constitution Center Symposium, April 2014

Panelist, *Ubiquitous Computing and the State of the Third-Party Doctrine*, American Bar Association Cyberspace Law Institute & Winter Working Meeting, February 2014

Keynote/Moderator, *Cybersecurity for Lawyers*, Philadelphia Bar Association Workshop and CLE, August 2013.

**OTHER
PUBLICATIONS**

"Neural Lace," Extended Cognition, and Privacy, CTR. FOR INTERNET & SOC'Y AT STAN. L. SCH. BLOG (Mar. 27, 2017)

Editorial: Trump's law and order platform, UNIVERSITY OF PENNSYLVANIA LAW SCHOOL, (Nov. 11, 2016) (with Dorothy Roberts)

Cybersecurity, Unscrupulous Diners, and Internet Security, CTR. FOR INTERNET & SOC'Y AT STAN. L. SCH. BLOG (Oct. 22, 2016)

Technological Redlining, CTR. FOR INTERNET & SOC'Y AT STAN. L. SCH. BLOG (Jul. 19, 2016)

Surveillance is Still About Power, JUST SECURITY (Feb. 9, 2016)

Content is Content, No Matter How Small, JUST SECURITY (Jan. 13, 2016)

Racial Surveillance Has a Long History, THE HILL (Jan. 4, 2016)
(with Dorothy Roberts)

Opinion: Why We All Have a Stake in Encryption Policy,
CHRISTIAN SCIENCE MONITOR (Oct. 14, 2015)

The Difficulty with Metaphors and the Fourth Amendment, JUST
SECURITY (Aug. 31, 2015)

Government Cheating on the Sotomayor Surveillance Scale, CTR.
FOR INTERNET & SOC'Y AT STAN. L. SCH. BLOG (Aug. 24, 2015)

The Risks of Regulating Zero-Days, CTR. FOR INTERNET & SOC'Y
AT STAN. L. SCH. BLOG (Jul. 12, 2015)

A Few Brief Thoughts on Ferguson and Structural Surveillance,
CTR. FOR INTERNET & SOC'Y AT STAN. L. SCH. BLOG (Mar. 8,
2015)

*The Twin Obstacles of Standing and State Secrecy Live on in
Surveillance Challenges*, CTR. FOR INTERNET & SOC'Y AT STAN. L.
SCH. BLOG (Feb. 11, 2015)

When Algorithmic Surveillance Becomes Structural Surveillance,
CTR. FOR INTERNET & SOC'Y AT STAN. L. SCH. BLOG (Jan. 30,
2015)

The Criminalization Of Cryptography, CTR. FOR INTERNET &
SOC'Y AT STAN. L. SCH. BLOG (Jan. 16, 2015)

Charlie Hebdo and the Problem Of Structural Surveillance, CTR.
FOR INTERNET & SOC'Y AT STAN. L. SCH. BLOG (Jan. 8, 2015)

Cybersecurity and the Risks of Law Enforcement Back Doors,
REGBLOG (Dec. 22, 2014)

The Flawed Foundations of Article III Standing in Surveillance Cases (Part IV), CONCURRING OPINIONS (Nov. 17, 2014)

The Flawed Foundations of Article III Standing in Surveillance Cases (Part III), CONCURRING OPINIONS (Nov. 10, 2014)

The Flawed Foundations of Article III Standing in Surveillance Cases (Part II), CONCURRING OPINIONS (Nov. 5, 2014)

The Flawed Foundations of Article III Standing in Surveillance Cases (Part I), CONCURRING OPINIONS (Nov. 1, 2014)

Security “Front Doors” Vs. “Back Doors”: A Distinction Without a Difference, JUST SECURITY (Oct. 17, 2014) (with Matthew Blaze)

Clapper, Adobe, and Article III Standing for Surveillance Harms, JUST SECURITY (Oct. 9, 2014)

**RESEARCH &
PROFESSIONAL
ACTIVITIES**

Actionable Intelligence for Social Policy
Member of Legal Panel, March 2016 to Present

The Constitution Project Committee on Policing Reforms
Co-Chair, January 2015 to Present

Security and Privacy of Cyber-Physical Systems
NSF Research Grant
Principal Investigator, July 2015 to Present

Just Security (www.justsecurity.org)
Regular Contributor
October 2014 to Present

Concurring Opinions (www.concurringopinions.com)
Guest Blogger
October 2014 to March 2015

A Call to the Bar
Environmental Legal Advocacy Center
Member, Board of Directors, January 2015 to Present

Philadelphia Bar Association
Member, Executive Committee, October 2014 to July 2016
Chair, Cyberspace Law Committee, May 2013 to January 2015

**NON-ACADEMIC
EXPERIENCE**

Pepper Hamilton LLP
Associate, Privacy, Security, and Data Protection Practice
Group (2011-2014)
Summer Associate (2009)

Portico Systems
User Experience Manager (2009-2011)
Senior Software Developer (2008-2009)

U.S. Army National Guard
Battalion Staff Intelligence Officer (2005-2010)
Company Executive Officer (2008-2010)

Lockheed Martin Advanced Technology Labs
Senior Member, Engineering Staff, Artificial Intelligence Lab
(2003-2008)

Cigital
Senior Software Security Consultant (2002-2003)

BBN Technologies
Staff Scientist, Artificial Intelligence Lab (1996-2002)

United States Marine Corps
Infantry Rifleman, Squad Leader
February 1991 to July 1995