

Joshua Brinkman, Ph.D., J.D.

Science, Technology, and Society Professor

PROFESSIONAL SUMMARY

**Engaging Teacher & Presenter | Interdisciplinary Researcher
Creative Advisor and Published Author**

Experienced teacher, advisor, researcher, and author who focuses on the relationship of technology use and its impact on identity, policy, and the legal system. Brings the strong ability to take complex topics and explain them through written and spoken communication effectively and engagingly. Combines Science, Technology, and Society Ph.D. and law degree with deep understanding of economics and policy to create a fully realized view of the major issues of our day. Exceptional educator who illuminates topics for diverse audiences from multiple disciplines.

CONTACT

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- 📍 Hillsborough, NC

CORE COMPETENCIES

- ◆ Qualitative & Quantitative Analysis
- ◆ Legal Research & Writing
- ◆ Literature Research & Review
- ◆ Publishing & Editing
- ◆ Public Speaking (Seminars, Teaching, Conferences)
- ◆ Multidisciplinary Curriculum & Course Development
- ◆ Collaboration
- ◆ Settlement Negotiations & Contract Drafting
- ◆ Court Litigation & Depositions
- ◆ Diversity, Equity & Inclusion
- ◆ Budgeting & Forecasting
- ◆ Staff Management
- ◆ Discourse Analysis
- ◆ Marketing Analysis
- ◆ Historical, Interviewing & Ethnographic Research Methods

EDUCATION

Doctor of Philosophy (Ph.D.), Science & Technology Studies (STS)
Virginia Polytechnic Institute and State University, Blacksburg, VA

Juris Doctor (J.D.), *University of Minnesota Law School, Minneapolis, MN*
Graduated cum laude. Wagner Labor Law Moot Court.

Bachelor of Arts, History & Economics, *Virginia Polytechnic Institute and State University, Blacksburg, VA*
Graduated summa cum laude. Valedictorian (History & Economics departments).

CAREER & ACADEMIC ACCOMPLISHMENTS

- ◆ Subject Matter Expert (SME) in science and technology studies (STS), history of technology, U.S. history, business history, science and technology policy, U.S. law and legal history, constitutional law, energy and climate law and policy, history of energy, history of agriculture, history of engineering.
- ◆ Author with writings on technology and American farming including major pieces on wind turbines, climate law and energy policy.
- ◆ Wrote multiple peer-reviewed research papers for journal publications and delivered research presentations on history, science, law and technology topics to multidisciplinary audiences.

ACADEMIC EXPERIENCE

North Carolina State University - Raleigh, NC

Assistant Teaching Professor - 2024-Present

Taught Introduction to Science, Technology, and Society (STS 214) and Ethical Dimensions of Progress (STS 304). Instructed 98 total students and gave 17 total lectures in 3 courses for a total of 51 lectures. All students also learned research and writing in STS.

ACADEMIC EXPERIENCE

Elon University - Elon, NC

Adjunct Professor - 2021-2024

Taught History of the U.S. to 1865, History of the U.S. from 1865, U.S. Business History.

Helped 36 students learn U.S. history with only 4 days to prepare for the semester. Prepared 15-page syllabus and course webpage in 4 days containing 179 readings and videos. Retained 94% of students and 100% of students participated in class.

Virginia Polytechnic Institute and State University - Blacksburg, VA

Adjunct Professor - 2018-2023

Instructor - 2014-2015

Guest Lecturer / Teaching Assistant / Recitation Instructor - 2012-2015

- Fully developed and taught STS courses on Introduction to Humanities, Science, and Environment (Intro. to STS), History of Technology, History of U.S. Law, U.S. History since 1865, and Engineering Cultures.
- Advised students to pursue legal and public policy careers as well as attend law school. Counseled students considering majoring in History or Science and Technology Studies (STS). Served as an informal advisor to pre-law students.
- Taught additional courses in person, online and virtually in areas of environmental policy, history of technology, engineering cultures, and science & technology studies.

Sweet Briar College - Sweet Briar, VA

Adjunct Assistant Professor – 2021

Guest Lecturer - 2012-2020

- Taught History of Technology, Entrepreneurship and Innovation, Introduction to Engineering.

RESEARCH & WRITING EXPERIENCE

Research Assistant, Virginia Polytechnic Institute and State University, Blacksburg, VA (2012-2016)

- Conducted research, proposed thesis statements and wrote papers on the history and policy of technology in the U.S. with a focus on energy and agriculture.
- Worked with lead researcher to devise creative historical arguments with relevance towards technology and policymaking.
- Collaborated with professor and other graduate students to perform research on several environmental policy and science and the public controversies.
- Conducted research on legal, political and scientific issues in chemical corridors around the world focusing on issues of technology, power and inequality.
- Read and revised papers for publication on chemical corridors in the U.S. and France, science and the public, and issues revolving around scientific expertise, environmental and occupational health and social justice.

LEGAL EXPERIENCE

- **Contractor Attorney**, Kroll Ontrack, Compliance. Washington, D.C.
- **Magistrate**, Supreme Court of Virginia, Lynchburg, VA
- **Attorney Editor/Advisor**, Westlaw/Thomson Reuters, Minneapolis, MN
- **Special Counsel/Attorney**, Littler Mendelson, P.C., Minneapolis, MN
- **Attorney**, Brown & Carlson, P.A., Minneapolis, MN
- **Law Clerk**, Minnesota Third Judicial District for Steele County, Hon. Casey J. Christian, Hon. Joseph A. Bueltel, Owatonna, MN
- **Law Clerk**, University of Minnesota (U of M) Office of the General Counsel, Minneapolis, MN
- **Director and Student Attorney**, University of Minnesota Housing Law Clinic, Minneapolis, MN
- **Student Attorney**, University of Minnesota Misdemeanor Defense Clinic, Minneapolis, MN
- **Research Assistant**, Virginia Tech University (Dr. Kathleen Jones), Blacksburg, VA

PROFESSIONAL MEMBERSHIPS & AWARDS

Member, Society for the History of Technology (SHOT) (2013-Present)

Member, Washington D.C. Bar (bar number: 1007090) (2011-Present)

XCaliber Award Recipient for “exceptional, high-caliber contributions to technology-enriched learning activities” by the Office of Technology-Enhanced Learning and Online Strategies at Virginia Tech. Awarded for research and writing contributions made in the

“Lenses of Innovation @ VT” course project (STS 6614: Origins of Innovation). This study involved an interdisciplinary group of graduate students from the humanities, business, arts, science, and engineering as well as global scholars to conduct a critical inquiry of technology and innovation (2014) .

CONFERENCES, PUBLISHED & WORKING PUBLICATIONS

Publications

Joshua T. Brinkman, *American Farming Culture and the History of Technology* (Routledge: London and New York, 2024).

Joshua T. Brinkman and Richard F. Hirsh, “The Effect of Unarticulated Identities and Values on Energy Policy,” in *The Handbook of Energy Transitions*, ed. Katherine Araújo (Routledge, 2022).

Joshua T. Brinkman, "'Say Something on Your Horn:' Technological Miscegenation and the Failed Racial Camouflaging of Conn Saxophones from the Jazz Age to the Swing Era," *Technology and Culture* (Paper Accepted with Revisions).

Joshua T. Brinkman, “Do You Hear What I Hear? Wind Turbine Noise and the Social Construction of Risk,” (Working Paper).

Joshua T. Brinkman and Richard F. Hirsh, “Welcoming Wind Turbines and the PIMBY (‘Please in My Backyard’) Phenomenon: The Culture of the Machine in the Rural American Midwest,” *Technology and Culture* 58, no. 2 (2017): 335-367.

Joshua T. Brinkman, "'Thinking like a lawyer' in an uncertain world: The politics of climate, law and risk governance in the United States," *Energy Research & Social Science* 34 (2017): 104–121.

Joshua T. Brinkman, “Exploring the Interface between Science, Law, and Public Opinion: The Case of DNA Evidence,” (Working Paper).

Conferences

Hillcrest Honors Society Last Lecture Series at Virginia Tech, Blacksburg, VA, December 5, 2019

American Wind Energy Association (AWEA), Webinar, October 18, 2017: “Welcoming Wind Turbines and the PIMBY (‘Please in My Backyard’) Phenomenon.”

Virginia Tech Department of Science and Technology Studies Seminar Series, Blacksburg, VA, March 31, 2017: “From ‘Hicks’ to High Tech: Performative Use in the American Corn Belt.”

Society for the History of Technology (SHOT) Conference, Albuquerque, NM, October 10, 2015: “Gender, Work Processes, and the Modernization of American Agriculture: Exploring Historical and Cultural Challenges Faced by the Organic Foods Movement.”

Gender, Bodies, & Technology Conference, Virginia Tech, May 3, 2014: “Week 11: Intersections of Race, Gender, and Technology.”

Society for the History of Technology (SHOT) Conference, Portland, ME, October 12, 2013

Science and its Publics Conference, Toronto, Canada, June 15, 2013

Virginia Tech Engagement Showcase, Virginia Tech, April 17, 2013

ST Global Consortium, Washington, D.C., April 6, 2013: “Science and the American Judiciary: A Case Study of Massachusetts et al. v. EPA et al.”

COMPUTER & TECHNICAL SKILLS

Legal Research: Lexis/Nexis, Westlaw, WestlawNext

Style Guides: APA, Chicago Style Guide

Course Management Software: Canvas, Moodle

ADDITIONAL EXPERIENCE

Freelance Musician / Promoter

Solicits performances from local venues including negotiating terms and contracts. Markets groups through social media and produce all marketing material for locations. Performs in front of diverse audiences.