

Curriculum Vitae

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Lisa S. Nelson
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Education

University of Wisconsin-Madison

Ph.D. Political Science, 1999

Preliminary exams: Public Law, Comparative Politics, and Political Theory

Dissertation Topic: Public Law

J.D. August 1996

M.A. Political Science, 1991

B.A. Political Science, 1989

Current Positions: 1998- present: Associate Professor, Graduate School of Public and International Affairs

1999-present: Affiliated Assistant Professor, University of Pittsburgh School of Law

1999-present: Fellow, Center for the Philosophy of Science, University of Pittsburgh

2010-present: Affiliated Faculty, Center for Bioethics and Health Law

2011-present: Member, Data Integrity and Privacy Committee, DHS

Publications:

Books:

Digilantism: Identity, Agency and Phenomenology on the Internet. Cambridge: Cambridge University Press (forthcoming 2016)

America Identified: Biometric Technology and Society. Cambridge: MIT Press, 2011.

Chapters in Book:

Forthcoming: "The Next Wave of Cyber Attacks: Critical Infrastructure, Security and Risk Management," in Emirates Center for Strategic Studies and Research (ECSSR), *Technology: Impacts, Challenges and the Future* (Abu Dhabi: ECSSR, 2015), pp. 231–248.

"Constructing Policy: the Unsettled Question of Biometric Technology and Privacy." *Privacy and Technologies of Identity: A Cross-Disciplinary Conversation.* Eds. Katherine Strandburg and Daniela Stan Raicu. London: Kluwer Press, 2005. 151-171.

Articles:

Forthcoming: "Digilantes, Moral Responsibility and Technology" in *Technology and Culture* (2015)

"The Law vs. The People" in *The Law and Politics Book Review*, Vol. 11 No. 3 (2001): 114-119.

"Protecting the Common Good: Technology, Objectivity, and Privacy" in *Public Administration Review*, Volume 62, Issue Supplement s1, (2002): 69-73.

“Special Report: Technology, Privacy and Civil Liberties” in *Public Administration Review*, Volume 64, Issue 3 (2004): 259-269.

“Normative Dimensions of Paternalism and Security” in *I/S: A Journal of Law and Policy for the Information Society* Volume 2, Issue 1 (2006): 27-51.

Research Agenda:

Anonymity and Digilantism and the New Frontier: A book manuscript under contract with Cambridge University Press

While there has been much debate about the loss of privacy in the Information Age, very little attention has been paid to the consequences and effects of anonymizing technologies and the kind of behavior they engender on the Internet. Since the arrival of the Internet, the focus has been on the architecture of surveillance and the resulting costs for privacy. The concern has been with the panoptical knowledge of governments about our physical activities, transactions, and communications and the threat it carries against our decisional autonomy, chilling the expression of ideas and constraining associational activity with observation. Anonymizing technologies and tools were a technological panacea to this concern, designed to undermine the chilling effects of surveillance on communications and interactions on the Internet. However, anonymity may, in fact, facilitate an architecture of control – just not of the government type. The type of architecture largely ignored in favor of championing privacy is one fostered by digilantism, a form of anonymous vigilantism on the Internet ordered around a diverse set of goals, ranging from shaming, fighting criminal conduct, combating pedophilia, or fomenting revolutions abroad. The position taken in this manuscript and not well developed in the debate about Internet freedom is that anonymous action has the potential effect of not only delimiting free expression and association in cyber-space, but also sets aside the usual arbiters of justice, such as law and its procedural guarantees and institutions of governmental authority which has the long term effect of undermining freedom on the Internet.

This manuscript will expand the debate about digilantes beyond its current focus on a moral assessment of whether digilantes, like their historical predecessors, vigilantes, are doing good or bad. Digilantism has been lauded by some as a new form of cyber-activism necessary to preserving freedom on the Internet. But others point to the calamitous consequences of digilantism. Yet, so far these discussions about the digilantes have assumed that the technological tools used to obfuscate identity are only a means to their end, exacting no real effect on either the digilantes or the consequences they hope to achieve. A modernist subject-object dichotomy is assumed, putting the emphasis on the intention of the actors and not the mediating role of technology. The approach taken here is to recognize how anonymizing capacity of the technology acts upon the digilantes just as they act with it, framing technological artifacts not as neutral intermediaries, but as active coshapers of our lives. This book redirects the debate so that the debate about digilanties does not only focus on moral and political motives, but also considers the ways in which these technological tools may also be constitutive of their perceptions and intentionality.

Biometrics and Privacy: Society, Perceptions and Legal Doctrine (completed 2011))

4 Million Dollar Multi-disciplinary National Science Foundation Grant received from Information Technology Research division to develop a large- scale study of societal interactions with biometric technologies addressing the issues of privacy concerns, data storage, and trust and reliability.

Information Ethics Workshop developed in conjunction with the Johnson Institute for Responsible Leadership (October 10, 2009)

General Theme of Workshop:

Information Technology and Ethical Implications for Privacy and Civil Liberties
Information technology and the information that it generates has increasingly become part of our daily lives shaping our practices, discourses, and institutions in fundamental ways. Personal information is used by consumers, professionals, and organizations to a variety of ends and in a number of different settings, raising novel questions of how to ensure institutional ethics and accountability. The escalating reliance on personal information not only challenges long standing demarcations between public and private institutions in terms of responsibilities, obligations, and limits, but also calls for a reconsideration of how to ensure the protection of longstanding values and normative ethics. The aim of this research theme is to analyze and propose standards and principles for the use of personal information and information technology. At the same time, the research will explore how particular uses of technologies cohere with, or emerge, from cultural and institutional values and beliefs.

Past Research:

Radiant Trust: Privacy, Trust and Technology

- ◆ \$600,000 Multi-disciplinary and multi-institutional Grant received from Office of National Risk Assessment to study the process of creating decisional rules for the purposes of protecting privacy and sharing information with Radiant Trust technology. This project was done in conjunction with the Wharton School and Columbia University

Societal Perceptions and Data Sensitivity

- ◆ \$20,000 grant received from Office of National Risk Assessment to study societal perceptions of data sensitivity and privacy.

Biometric Identifier Privacy Act-Consultant on Privacy Legislation

- ◆ Development of white papers on legal implications, policy process and terminology of legislation

Public Appearances and Invited Academic Appearances

Invited Commenter, June 2015 Privacy Law Scholars Conference

Invited Speaker, January 28, 2015. Invited Speaker as a guest of the West Virginia School of Engineering for a seminar entitled “Privacy and Technology.”

Invited Speaker, March 17-19, 2014. Invited Speaker as a guest of the Emirates Center for Strategic Studies and Research (ECSSR) in Abu Dhabi to speak on the subject of cyber- attacks and non-state actors

Invited Speaker, June 3-4 2014. Invited Participant Privacy Scholars Conference in Washington D.C. “Should Clark Kent be held responsible for the Actions of Superman? Morality and Personal Identity.”

Interview on *Privacy Piracy*, a one-hour public affairs show from the University of California, Irvine campus, March 2011

Invited Speaker, National Defense Industrial Association February 2011

Invited Speaker, Biometrics Consortium September 2010

Invited Participant, National Science Foundation Workshop, November 2010

Appearance on CNN August 2004: Interviewed by CNN on the topic of biometric technology and its legal and societal implications

NPR April 2005: Interviewed by NPR on the issue of biometrics and the implications of wide scale deployment of the technology.

Center for National Preparedness April 2005: Invited speaker on the topic of biometrics, privacy and autonomy.

15th Annual Economic Crime Institute October 2004: Invited Speaker on the topic of data sensitivity, privacy and the War on Terror.

University of DePaul School of Law Symposium on Law and Technology October 2004: Invited Speaker on the topic of legal implications of biometric technology

National Academies of Science Meeting March 2005: Invited Speaker at the Conference of the Committee on Science and Technology to consider the policy and cultural implications of biometric technology

Fellowships and Grants

National Science Foundation Grant (Center for Identification Technology Research)
2003-2008

Department of Defense Grant, 2002
Biometric and Computer Forensics Curriculum Development

Law and Society Association Summer Institute Scholarship, 1994

Law and Society Association Graduate Student Scholarship, 1994

John D. and Catherine T. MacArthur Foundation Scholar 1993-1994

Columbia University Council for Educational Exchange Russian Research Abroad Scholarship, St.
Petersburg, Russia, 1993

Moscow State University Educational Exchange Scholarship, 1991

Honors

2014-present Honors College Faculty Fellow

2008-2009
Graduate School of Public and International Affairs Annual Teaching Award
Outstanding Student Evaluation Scores in two or more courses

2007 Student Choice Award

2003 Faculty Honor Roll
Outstanding service, above and beyond the call of duty, to the Students of the University of
Pittsburgh.

1999-2000
Graduate School of Public and International Affairs Annual Teaching Award
Outstanding Student Evaluation Scores in two or more courses

Excellence for the Future Award
Outstanding achievement in the study of Constitutional Law
University of Wisconsin-Madison Law School, 1996.

Excellence for the Future Award
Outstanding achievement in the study of Theology and State
University of Wisconsin-Madison Law School, 1996.

Honorary Fellow at the Institute for Legal Studies
University of Wisconsin-Madison Law School, 1995-1998.

Teaching Experience

Associate Professor

Graduate School of Public and International Affairs, August 1998-present

Information Technology and Policy; Law and Civil Security; Constitutional Law; Law and Politics; Law and Literature; Sex, Law and Marriage; Globalization and the Rule of Law; Female Offender; Criminal Law; International Law; Deviance and the Law

Conference Participation

“Biometric Technology and Society”

Law and Society Annual Meeting, May 2008

“Normative Expectations and Liberty and Security”

Law and Society Annual Meeting, May 2009

“The Rhetoric of Security, Terrorism and Technology”

Law and Society Annual Meeting, July 2005

“Uncertain Certainty: Biometric Technology and Security”

Law and Society Annual Meeting, July 2005

“Master Narratives, and Rational Beliefs: Efficacious Praxis in Law and Engineering”

Presented at the Annual Meeting of the Conference of the Society for the Social Study of Science, November 1-4, 2001 Co-authored with Professor Edward Constant of Carnegie Mellon University

"The Invisibility of Man: *The Invisible Man* and Husserl's Phenomenology of Signs,"

1995 Law and Society Association Annual Meeting.

“The Rhetoric of Science”

Presented at the 1999 International IVR World Congress on Law and Philosophy

“The West Digest System and American Jurisprudence”

1999 24th Annual Meeting of the Semiotic Society of America in conjunction with The American Legal Studies Association

Accepted to 7th International Conference of the IASS “Sign Processes in Complex Systems,” Technical University, Dresden Germany.

“The Rhetoric of Law and the Ordering of Legal Knowledge”

Presented to Center for the Philosophy of Science, Pittsburgh Pennsylvania, March 2001 and Invited to International Fellows’ Conference, June 22-26, 2000 in Argentina.

“Reessentializing Female Criminality”

Chaired Panel and Presented a paper on the *Construction of Identity* at the Law and Society Association Annual Meeting, Budapest Hungary, July 3-7, 2001

“Inter-agency Coordination and Conflict: The Convergence of Policy and Information Technology.” Presented to the 26th Society for Social Studies of Science (4S), Milwaukee Wisconsin, November 7-9, 2002

“Biometric Technology: Privacy, Societal Perceptions and Policy.” Presented to the 27th Annual Society for Social Studies of Science (4S) in Atlanta Georgia, October 20-22, 2003

“Constructing Technology: Privacy, Trust and Society.” Presented to the 27th Annual Society for Social Studies of Science (4S) in Atlanta Georgia, October 20-22, 2003