

Prof. L. Jean Camp

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EDUCATION

Doctor of Philosophy in Engineering and Public Policy Carnegie Mellon University Thesis: Privacy and Reliability in Internet Commerce	August 1996
Masters of Science in Electrical Engineering University of North Carolina at Charlotte Thesis: Free Space and Guided Wave Optical Interconnects	August 1991
Bachelor of Arts in Mathematics & Bachelor of Science in Electrical Engineering University of North Carolina at Charlotte	May 1988

EMPLOYMENT & AFFILIATIONS

Professor School of Informatics & Computing	Indiana University Bloomington, IN 2011 – present
IEEE/ AAAS Congressional Fellow United States House of Representatives	1533 LHOB Office of Rep. Etheridge NC-02 Legislative Assistant, Military, Telecom, Cybersec Washington, DC Jan 2010 – Dec 2010
Associate Professor School of Informatics	Indiana University Bloomington, IN August 2004 – May 2011.
Associate Professor Kennedy School of Government	Harvard University Cambridge, MA May 2002 – August 2004.
Visiting Scientist Advanced Network Architecture Group	Laboratory for Computer Science Massachusetts Institute of Technology Cambridge, MA January 2003 -May 2003
Assistant Professor Kennedy School of Government	Harvard University Cambridge, MA November 1997 - May 2002
Senior Member of Technical Staff Infrastructure & Network Research	Sandia National Laboratories Livermore, CA September 1996 - November 1997
Research Assistant Department of Engineering & Public Policy	Carnegie Mellon University Pittsburgh, PA August 1993 - August 1996
Research Assistant Software Engineering Institute	Computer Emergency Response Team Carnegie Mellon University Pittsburgh, PA May 1993 - August 1993
Research Assistant Information Networking Institute	Carnegie Mellon University Pittsburgh, PA August 1991 - May 1993

Patricia Harris Fellow
Dept. of Electrical Engineering

Optical Interconnects & CG Holography Laboratory
University of North Carolina, Charlotte
Charlotte, NC
August 1989 - August 1991

Assistant Electrical Engineer
Catawba Nuclear Station

Duke Power Company
Rock Hill, SC
August 1988 - August 1989

CURRICULAR

Indiana University: economics of security (graduate), social informatics of security (graduate and undergraduate), introduction to computer security (freshman), organizational informatics of security (undergraduate), internship in security informatics (graduate and undergraduate)

Harvard University: security and privacy, Internet privacy, Internet commerce, information commerce, design for values, information policy, communications policy (all graduate)

Harvard & MIT: telecommunications modeling and policy analysis (graduate)

Taught: analytic frameworks; Internet strategy: law, business, policy (graduate)

Curriculum Development

Indiana University: Authored undergraduate minor in security informatics (entering class 2005), author and founding Director of Masters of Science in Security Informatics (first entering class 2009) and redesigned doctoral program adopted by faculty vote (for entering class of 2011).

Executive Education Topics

Harvard University: the business of open source, privacy, managing security, identity management

HONORS

IEEE/AAAS Congressional Fellow, 2010

President of the International Financial Cryptography Association 2003 – 2010.

President & Chair, IFCA 2004 - 2006.

Board of Governors, IEEE Society for the Social Implications of Technology, 2003 - 2006.

Dean's Leadership Committee, Carnegie Institute of Technology 2002 - 2004.

Director, Computer Professionals for Social Responsibility 1999 - 2003.

Five Year Program Review Committee of the National Science Foundation CAREER Program 2001.

Renaissance Weekend participant.

Senior Member of the IEEE, elected in September 1999.

REVIEWER

Founding editorial board, EAI Transactions on Security and Safety

Founding editorial board, Harvard Papers on Technology Science (H-POTS), Editorial Board

Journal of Cybersecurity Advisory Board, 2014-present

TISSEC, Associate Editor – 2014 -present

USEC Steering Committee 2012-present

Editorial Board, International Journal of Technology Policy and Management, 1999-present.

Special Issue Editor: Usability & Security, IEEE Technology & Society, March 2007.

Special Issue Editor: Economics of Information Security, I/S: A Journal of Law and Policy for the Information Society, 2006 Cybersecurity Issue & 2007 Cybersecurity Issue.

Special Issue Editor: Designing Across the Digital Divide, The Journal of Information, Communication and Ethics in Society (ICES). Vol. 1, No. 3. May 2003.

Special Issue Editor: Designing Across the Digital Divide, The Journal of Information, Communication and Ethics in Society (ICES). Vol. 1, No. 3. May 2003.

Reviewer: Communications of the ACM, IEEE Transactions on Computing, Mgt. Science, RAND Journal, Security & Privacy, American Economic Review, JASIST, Risk Analysis, MIS Quarterly, Journal of Policy Analysis and Management etc.

Doctoral opponent, Kristiina Karvonen in Helsinki University of Technology, May 2007

APPOINTMENTS

Indiana University Representative, Institute for Information Infrastructure Protection, 2006-2009; 2012-2013.

Visiting Scientist, Dept. of Computer Science, University City London, Summer 2007.

Member, ACM Task Force on Job Migration, 2004 – 2005.

Selected participant, CRA-W Cohort for Associate Professors Project, June 2005.

Affiliate, National Center for Digital Government, 2001- 2004.

Visiting Professor, Erasmus University, summer 2003.

IEEE Intellectual Property Committee 2002 -2004.

Editorial Board, International Journal of Technology Policy and Management 1999 - present.

Editorial Board, I/S

IEEE - USA Committee on Communications and Information Policy (CCIP) 1999 -present.

Member USACM 1996-present.

Member IEEE 1987- 1999. Senior Member IEEE 1999 - present.

Research Affiliate, Internet and Telecom Convergence Consortium, MIT, 1999 - 2005.

Visiting Professor, Centre for Computing and Social Responsibility, UK, summer 2001.

Granted Educational Leave with Benefits, Duke Power Company 1989.

EVENTS

Chair

Grace Hopper Celebration of Women, Security & Privacy Track, (Houston, TX) 14-16 October 2015.

Risk Perception in IT Security and Privacy (RP-IT) Workshop, A SOUPS Workshop, (Newcastle upon Tyne, UK) 26 July 2013.

IEEE Symposium on Security and Privacy Workshops, (San Francisco, CA) May 2013.

Usable Security (USEC) An FC-Affiliated Workshop (Dutch Antilles) 29 March 2012.

J. Blythe, Co-Chair. Currently on the steering committee.

Security and Privacy in Medical And Home Care Systems (SPIMACS) An ACM CCS- Affiliated Workshop (Chicago, IL) 13 November 2009.

Telecommunication Policy Research Conference (Arlington, VA) September 2008.

The Insider Threat Workshop: an invitation-only workshop combining researchers and industry to define the parameters of the insider threat, Duke Conference Center (Durham, NC) April 2008.

Economics of Information Security: a two day event under the auspices of the Special Focus on Computation and the Socio-Economic Sciences DIMACS (Rutgers, NJ) January 2007.

Alessandro Acquisti, Program Co-Chair

Workshop on the Economics of Information Security, Kennedy School of Government, Harvard University (Cambridge, MA) 1-3 June 2005. Currently on steering committee.

Allan Friedman, General Chair

The Voting, Vote Capture, and Vote Counting Symposium: a one day event on design of process, technology and their interaction in voting systems. Kennedy School of Government, (Cambridge, MA) June, 2004.

Identity: The Civic Scenario: a two day workshop on the role of identifiers in digital government. Kennedy School of Government, Harvard University (Cambridge, MA) April 2003.

Shrinking World, Expanding Net: Designing Technology for Developing Nations: CPSR Annual Meeting, a one day event on design for universal access. October 2002 Kennedy School of Government, Harvard University (Cambridge, MA) October 2002.

Financial Cryptography, International Financial Cryptography Association (Guadeloupe, FWI) January 2003.

Rebecca Wright, Program Chair & Proceedings Editor, L Jean Camp Program co-Chair

Program Committees

CSET 2015, ACISP 2015, CoChair Security/Privacy Track Grace Hopper Conference 2015
WEIS 2014, HOTSOS 2014, DIMVA 2014, Security/Privacy Track Grace Hopper Conference 2014
WEIS 2013, TRUST 2013, Cyber security Research Ethics Dialogue and Strategy (CREDS) 2013, IEEE Big Data 2013, USEC 2013, PETools2013, ISC 2013, USEC Steering Committee
WEIS 2012, PETS 2012, TRUST 2012, SOUPS 2012, WESC 2012, GameSec 2012, IEEE eCrime 2012.
ETHICOMP 2011, WEIS 2011, CFP Research Track 2011, PETS 2011, HICSS 2011.
ETHICOMP 2010, WEIS 2010. All other invitations refused due to AAAS Congressional Fellowship.
Third IFIP WG 11.11 International Conference on Trust Management (IFIPTM 2009), Workshop on the Economics of Information Security 2009, ACM CCS 2009.
ACM CCS 2008, Workshop on the Economics of Information Security 2008, Quality of Protection Workshop 2008, ETHICOMP 2008, Third Annual APWG eCrime Researchers Summit.
Workshop on the Economics of Information Security, 2007, Privacy Enhancing Technologies Workshop 2007, Dependability and Security in e-Government 2007, ETHICOMP 2007.
iTrust 2006, Workshop on the Economics of Information Security, 2006, EURO mGOV 2006, Workshop on Privacy in the Electronic Society 2006, Workshop on Digital Rights Management Systems, 2006.
Workshop on Digital Rights Management Systems, 2005, Privacy Enhancing Technologies, 2005, ETHICOMP 2005.
Workshop on Digital Rights Management Systems, 2004, Privacy Enhancing Technologies, 2004, ITS European Regional Conference 2004, ETHICOMP 2004, Third Workshop on the Economics of Information Security.
Workshop on Digital Rights Management Systems, 2003, Fifth International Conference of Electronic Commerce, 2003, Privacy Enhancing Technologies, 2003, ETHICOMP 2003, Second Workshop on the Economics of Information Security.
Telecommunications Policy Research Conference 2001, Inaugural Workshop on the Economics of Information Security.
The Internet and Society, Harvard University, 2000, Telecommunications Policy Research Conference 2000.
IEEE CCIP The Evolution of the US Telecommunications Infrastructure over the Next Decade, Ithaca, NY, 1999; Governing the Commons: Future of Global Internet Administration Conference, sponsored by Computer Professionals for Social Responsibility 1999.

AWARDS

Research Awards (Awards \$10,000 or less not listed. PI unless otherwise noted.)

National Science Foundation, “SaTC Large: Living in the Internet of Things”, CNS 1565375 2016-2021, \$2.99M
Army Research Office, “MACRO: Models for Enabling Continuous Reconfigurability of Secure Missions Cyber-Security Collaborative Research Alliance (CRA)”, Prof. McDaniel of Penn State PI; Camp IU Lead. IU budget: \$2.6M, Oct 2013- Oct 2018.
Google Focused Program Award, \$201,556, Aug. 2013 – Aug. 2015.
DARPA, “Hardening the Safeware Defined Network”, \$0.91M, Jan. 2012- Jan. 2014.
NSF, “Safe@Home”, \$50,000, Aug. 2012- July 2013.
DHS, “Coordinating User and Technical Security”, \$2.4M, 2012- 2015.
NSF, “Human-Centered Mitigation of the Insider Threat”, \$99,939, Aug. 2012 – Aug. 2013.
Cisco Research Award, “Internet Economics,” \$30,000, November 2009 - November 2010.
NSF, “Intelligent Interactions for Risk Communication,” \$112,000, Aug. 2009- August 2011.
PGP: Usability of PGP for Elders (equipment) valued @ \$149.00 each. 03/01/08 - 03/01/09; \$14,900.
DoD, Advanced Cloud Computing Technology for Sensor Grids, \$77,149, 5/20/09-9/30/10, *Senior Personnel*.
NSF, “HCC: Elders View of Privacy Online,” \$399,999, August 2009 - August 2010.
ARIN, “IPv4 Exhaustion Management,” \$47,321, August 2008 - August 2009.
NSF, “HCC: Privacy in Home-Based Ubicomp,” \$821,491 August 2007-August 2010.
DHS, “Business Rational for Cybersecurity,” \$198,786 May 1 2007 – May 1 2009.

DHS, "Insider Threats," \$370,234 April 1 2007- March 31 2009. *Co-PI*
 Google, "Net Trust and Trust on the Web," \$40,000 January 2007 – January 2008.
 Google, "Net Trust Open Source Development," \$37,000 January 2006 – January 2007.
 Secretary of State, Voting System expert RFP 040-002, \$148,005, August 2005- August 2006.
 NSF CAREER Award "Design for Values," \$ 464,946. July 2000 – 2004.
 NSF, "Voting Risks," \$12,455. February 2004 – August 2004.
 NSF "Digital Identity: The Civic Scenario," \$79,049. January 2003 – December 2003.
 NSF "The Virtual citizen: Identity, Autonomy and Accountability," \$22,536. May 2002 – May 2003.
 Harvard East Asia Center, "Malaysian Internet and Telecom. Policy," \$25,000. July 2001 – July 2002.

Teaching Awards

Microsoft Azure, "Undergraduate Research Support: HomeOS & Home Health", \$5k & 12,5k in equipment
 NSF, "Privacy in Home-Based Unicomp", 2010 REU \$10,200; 2009 REU \$13,125; 2008 REU \$12,000.
 Department of Defense, "IASP Graduate Scholarship", \$24,000 September 2009- May 2010.
 NSF, "Elders View of Privacy Online," 2010 REU \$13,500.
 Google, "Teaching with Andriod Blocks", \$25,000 in equipment and funds, Jan 2009 - Dec 2009.
 Johnson Center for Entrepreneurship in the Kelley School of Business, \$15,000, "Johnson Center for
 Entrepreneurship in Teaching", January 2006 - Dec 2007. *Senior Personnel*.
 Provost's Innovation Fund Grant Summer 1999, "Virtual Information Technology Research Center," \$25,000.
 January 2000 – January 2001.
 Dean's Research Fund, KSG Harvard, "Development of an Information Technology Policy Curriculum," \$10,000.
 January 1999 – January 2000.

PUBLICATIONS

Books

- A-04. Jim Blythe, Sven Dietrich, & L. Jean Camp (Eds.), *LNCS 7398: FC 2012 Workshops, USEC and WECSR 2012*, Springer (NY, NY) 2012.
 A-03. L. Jean Camp & Eric Johnson, *Economics of Financial and Medical Identity Theft*, Springer-Kluwer (NY, NY), first edition 2007.
 A-02. L. Jean Camp & Stephen Lewis (Eds.), *The Economics of Information Security*, Springer-Kluwer (NY, NY), 2004.
 A-01. L. Jean Camp, *Trust & Risk in Internet Commerce*, MIT Press (Cambridge, MA), 2000.

Book Chapters

- B-22. Caine, K., Connelly, K., Camp, L.J., Huber, L., Shankar, K., & Zimmerman, C, "DigiSwitch: Control Panel for Home Monitoring Technologies", *Designed Technologies for Healthy Aging*. Atlanta, GA: Morgan and Claypool, May 30, 2015 (short work). ed Claudia B. Rebola.
 B-21. Lesa Huber, L. Jean Camp, "User-Driven Design in Smart Homes: Ethical Aspects". *Handbook of Smart Homes, Health Care and Well-Being*. Springer (Berlin, DE) 2014, pp 1-10
 B-20. Garg, Vaibhav, L. Jean Camp, and Chris Kanich. "Analysis of ecrime in crowd-sourced labor markets: Mechanical turk vs. freelancer." *The Economics Of Information Security And Privacy*. Springer Berlin Heidelberg, 2013. 301-321.
 B-19. Timothy Kelley & L Jean Camp, "Online Promiscuity: Prophylactic Patching and the Spread of Computer Transmitted Infections", *Selected Papers from WEIS 2012*, Springer (Berlin, DE) Ch. 8 pp 159-184. (Previous version published in WEIS, see D-40)
 B-18. Andrew Patrick & L Jean Camp, "Risk Mitigation From the Release of Personal Identity Information", *Privacy Protection Measures and Technologies in Business Organizations: Aspects and Standards*. IGI Global. 2011, pp. 309-330.
 B-17. J. Duncan & L. Jean Camp, "The Portal Monitor: A Privacy-Aware Event-Driven System for Elder Care" Röcker, C., Zieffle, M. (Eds.) *Smart Healthcare Applications and Services: Developments and Practices*. IGI Publishing (Niagara Falls, NY) 2010

- B-16. L. Jean Camp & Kay Connelly, "Beyond Consent: Systematic Design for Privacy in UbiComp", *Digital Privacy: Theory, Technologies and Practices* eds. Alessandro Acquisti, Sabrina De Capitani di Vimercati, Stefanos Gritzalis and Costas Lambrinouidakis, Taylor & Frances. (New York, NY) 2007.
- B-15. L. Jean Camp & Alla Genkina, "Social Networks", *Phishing*, Springer-Verlag, eds. M. Jakobsson and S. Myers. (Berlin, DE) 2006.
- B-14. Allan Friedman & L. Jean Camp, "Security in Peer to Peer Systems," *The Handbook of Information Security* ed. Hossein Bidgoli, John Wiley & Sons, Vol. 1, Ch 35 (Hoboken, New Jersey) 2004.
- B-13. L. Jean Camp & Ka-Ping Yee "Human Implications of Information Technology," *Practical Handbook of Internet Computing* ed. M. P. Singh, CRC Press (New York, NY) 2003.
- B-12. L. Jean Camp "Peer to Peer Systems," *The Internet Encyclopedia* ed. Hossein Bidgoli, John Wiley & Sons (Hoboken, New Jersey) 2003.
- B-11. L. Jean Camp, "Design for Trust," *Trust, Reputation and Security: Theories and Practice*, ed. Rino Falcone, Springer-Verlang (Berlin) 2003.
- B-10. L. Jean Camp & Carlos Osorio, "Privacy Enhancing Technologies for Internet Commerce," *Trust in the Network Economy*, Springer-Verlag eds. Otto Petrovic, Reinhard Posch, Franz Marhold. pp. 317-329 (Berlin) 2003.
- B-09. L. Jean Camp, Cathleen McGrath & Helen Nissenbaum, "Trust: A Collision of Paradigms," *Proceedings of Financial Cryptography*, Lecture Notes in Computer Science, eds. Paul Syverson, pp. 91-105. Springer-Verlag (Berlin) 2002.
- B-08. L. Jean Camp, "The Shape of the Network," *Governance in a Globalizing World*, ed. J. Donahue, Brookings Press (Washington, DC) 2001.
- B-07. L. Jean Camp & Y.T. Chien, "The Internet as Public Space: Concepts, Issues and Implications in Public Policy," *Readings in Cyberethics*, eds. R. Spinello, H. Tavani, Jones. pp. 111-123. Bartlett Publishers (Sudbury, MA) 2001. (Previously published in ACM Computers & Society, noted below.)
- B-06. L. Jean Camp, "Web Security and Privacy: An American Perspective," *Readings in Cyberethics*, eds. R. Spinello and H. Tavani, Jones and Bartlett Publishers (Sudbury, MA) 2001. pp. 474-486. (Previously published in The Information Society, as noted below.)
- B-05. L. Jean Camp, "The Post-Convergence Consumer," *Creative Destruction* ed. Lee McKnight, MIT Press, Winter (Cambridge, MA) 2000. Pp. 213-228.
- B-04. L. Jean Camp, "Community Considered," *democracy.com? Governance in a Networked World*, Hollis Publishing (Hollis, NH) 1999.
- B-03. L. Jean Camp, D. Riley, "Bedrooms, Barrooms & Board Rooms on the Internet: The Failure of Media Types in Cyberspaces" *Selected Papers from the 1996 Telecommunications Policy Research Conference*, eds. G.L. Rosston & D. Waterman; Lawrence Earlbaum Associates (NY, NY) 1997.
- B-02. L. Jean Camp, "We Are Geeks, and We Are Not Guys: The Sysers Mailing List," *Wired Women: Gender and New Realities in Cyberspace*, eds., L. Cherny & E. Weise, The Seal Press, (Seattle, WA) January 1996. reprinted: The [Next] Reader: Reading and Writing Critically About Popular Culture, ed. Laura Gray-Rosendale (McGraw-Hill Companies)
- B-01. M. Feldman, L. Jean Camp, J. Stack & J. Morris, "Optical Interconnects," Chapter 7: *Design Issues in Optical Computing*, ed. John Lee, Cambridge University Press (Cambridge, MA) 1993.

Peer-Reviewed Journals & Magazines

- C-46. Pablo Morianoa, Soumya Achara, L. Jean Camp, "Incompetents, Criminals, or Spies: Macroeconomic Analysis of Routing Anomalies", *Computers & Society*, under revision.
- C-45. Zheng Dong, Kevin Kane, Siyu Chen, and L. Jean Camp, "The New Wildcats: High-Risk Banking From Worst-Case Certificate Practices Online", *Journal of Technology Science*, April 2016, <http://techscience.org/a/2016041501/>
- C-44. G. Russo, A. Dingman, L. Jean Camp, "Risked-Based Vulnerability Disclosure: Towards Optimal Policy" *ACM Transactions of Internet Technology*, under review.
- C-43. Zheng Dong, Kevin Kane, and L Jean Camp, "Detection of Rogue Certificates from Trusted Certificate Authorities Using Deep Neural Networks", *ACM Transactions on Privacy and Security (was TISSEC)*, 19:2, (2016)

- C-42. Paul Van Schaik, L Jean Camp, Joseph Muyiwa Onibokun, J. Jansen, and Petko Kusev, "Privacy- and security-related risk perceptions and precautionary behavior in social networking", under revision.
- C-41. V. Garg, & L. J. Camp, "Why cybercrime?" *ACM SIGCAS Computers and Society*, 2015, 45(2), 20-28.
- C-40. Vaibhav Garg, L. Jean Camp, Lesa Lorenzen-Huber, Kalpana Shankar, Kay Connelly, "Privacy Concerns in Assisted Living Technologies", *Annals of Telecommunications*, 69:1-2,: 75-88 (2014)
- C-39. Vaibhav Garg, Thomas Koster and L. Jean Camp, "Cross-country Analysis of Spambots", *EURASIP Journal on Information Security*, 2013:3 (doi:10.1186/1687-417X-2013-3).
- C-38. Warigia Bowman, L Jean Camp, "Protecting the Internet from Dictators: Technical and Policy Solutions to Ensure Online Freedoms", *The Innovation Journal*, 18:1, (2013).
- C-37. L. Lorenzen-Huber, K. Shankar, K. Caine, K. Connelly, L.J. Camp, B.A. Walker & L. Borrero, "How in-home technologies mediate caregiving relationships in later life", *International Journal of Human Computer Interaction*, 29 (7), 441-455 (2013).
- C-36. V. Garg, and L. Jean Camp, "Heuristics and Biases: Implications for Security Design", *IEEE Technology & Society*, 32.1: 73-79. (2013).
- C-35. V. Garg, and L. Jean Camp, K. Connelly, "Gandhigiri in Cyberspace: A Novel Approach to Information Ethics", *ACM SIGCAS Computers & Society*, Vol. 42, No. 2: 9-20 (2012).
- C-34. V. Garg, L. Huber, L. Jean Camp, K. Connelly, "Risk Communication Design for Older Adults", *Gerontechnology* Vol. 11, No. 2 (2012).
- C-33. Caine, K. E., Zimmerman, C. Y., Schall-Zimmerman, Z., Hazlewood, W. R., Camp, L. J., Connelly, K. H., Huber, L. L, & Shankar, K, "DigiSwitch: A device to allow older adults to monitor and direct the collection and transmission of health information collected at home", *Journal of Medical Systems* Vol. 35, No. 5, 1181-1195 (2011).
- C-32. Zheng Dong & L Jean Camp, "The decreasing marginal value of network size", *ACM SIGCAS Computers & Society*, Vol. 41 No. 1 (2011).
- C-31. Debin Liu, XiaoFeng Wang, and L. Jean Camp, "Security Risk Management using Incentives", *IEEE Security & Privacy*, Vol. 9, No. 6: 20-28 (2011).
- C-30. L. Jean Camp, "Re-conceptualizing the Role of Security User", *Daedalus*, Vol. 140 No. 4 (2011).
- C-29. Shankar, K., Camp, L. J., Connelly, K., Huber, L. "Aging, Privacy, and Home-Based Computing: Development of a Framework for Design", *IEEE Pervasive Computing*, 11 (4), 46-54 (2012).
- C-28. Lorenzen-Huber, L. Boutain, M., Camp, L.J., Shankar, K., Connelly, K., "Privacy, Independence, and Relationships: Older Adults' Perceptions of Home-Based Ubiquitous Technologies", *Ageing International*, 36:232-252 (2011).
- C-27. Debin Lui, Jean Camp, XiaoFeng Wang, "Using Budget-Based Access Control to Manage Operational Risks Caused by Insiders", *Journal of Wireless Mobile Networks, Ubiquitous Computing, and Dependable Applications*, (1) 1: 29-45 (2010) Previously version published at MIST 2010.
- C-26. Debin Liu, XiaoFeng Wang and L. Jean Camp, "Game Theoretic Modeling and Analysis of Insider Threats", *International Journal of Critical Infrastructure Protection*, (2008) 1:75-80 (Previously presented at IFIP International Conference on Critical Infrastructure Protection, 16-19 March 2008, Washington, D.C.)
- C-25. Alex Tsow, Camilo Viecco, and L. Jean Camp, "Privacy-Aware Architecture for Sharing Web Histories", *IBM Journal of Research & Development, IBM Systems Journal* Vol 3: 5-13 (2007)
- C-24. L. Jean Camp, "Bringing Mental Models to Privacy and Security" *IEEE Technology And Society Magazine*, 28 (3) 37-46 (2009).
- C-23. L. Jean Camp, "Reliable, Usable Signaling to Defeat Masquerade Attacks", *I/S A Journal of Law and Policy in the Information Society*, Vol. 3, No 2: 211-235 (2007).
- C-22. L. Jean Camp, "Varieties of Software and their Implications for Effective Democratic Government," Transparency in Digital Government, *Proceedings of the British Academy*, Vol. 135: 183-185 (2006).
- C-21. L. Jean Camp, "The State of Economics of Information Security", *I/S A Journal of Law and Policy in the Information Society*, Vol. 2, No. 2: 190-205 (2006).
- C-20. L. Jean Camp, "Digital Identity," *IEEE Technology & Society*, Vol. 23, No 3: 34 - 41 (2004).
- C-19. L. Jean Camp & Rebecca Mercuri, "The Code of Elections," *Communications of the ACM*, Vol. 47, No. 10: 52 -57 (October 2004).
- C-18. L. Jean Camp & Charles Vincent, "Looking to the Internet for Models of Governance" *Ethics and Information Technology*, Vol. 6, No. 3: 161-174 (2004).

- C-17. L. Jean Camp, Fu-Shoun Mao & Mridul Chowdhury, "Thailand at the Crossroads," *International Journal of Technology Policy and Management*, Vol. 4, No. 2: 116-135 (September 2004).
- C-16. L. Jean Camp, "First Principles of Copyright for DRM Design," *IEEE Internet Computing*, Vol.7, No. 3: 59-65 (May 2003).
- C-15. Serena Chan & L. Jean Camp, "Law Enforcement Surveillance in the Network Society," *IEEE Technology & Society*, Vol. 21, No. 2: 22-30 (2002).
- C-14. L. Jean Camp, "Code, Coding and Coded Perspectives," *Journal of Information, Communication and Ethics in Society* Vol. 1, Jan. 2003: 49-59. Previous version presented at the abstract-refereed conference *Association of Internet Researchers*, Lawrence, Kansas (September 2000).
- C-13. Serena Syme & L. Jean Camp, "The Governance of Code: Open Land vs. UCITA Land," *ACM SIGCAS Computers and Society*, Vol. 32, No. 3: 2 (September 2002).
- C-12. L. Jean Camp, "An Atomicity-generating Layer for Anonymous Currencies," *IEEE Transactions on Software Engineering*, Vol. 27, No. 3: 272-278 (March 2001).
- C-11. L. Jean Camp & Serena Syme, "Code as Embedded Speech, Machine, or Service," *Journal of Information Law and Technology*, Vol. 5, No. 2 (2001).
- C-10. L. Jean Camp & Y.T. Chien, "The Internet as Public Space: Concepts, Issues and Implications in Public Policy," *ACM Computers & Society*, Vol. 30, No. 3: 13-19. Also included in *Readings in Cyberethics* above.
- C-09. L. Jean Camp & Ken Lewis, "Code as Speech: A Discussion of Bernstein v. USDOJ, Karn v. USDOJ, and Junger v. Daley in light of the U.S. Supreme Court's shift to Federalism," *Ethics and Information Technology*, Vol. 1, No. 2: 1-13 (March 2001).
- C-08. L. Jean Camp, "The World in 2010: Many New Entrants," *info: the journal of policy, regulation and strategy for telecommunications, information and media*, Vol. 2 No. 2: 167-186 (April 2000).
- C-07. L. Jean Camp & Brian Anderson, "Deregulating the Local Loop: The Telecommunications Regulation Path Less Chosen as Taken by Bangladesh," *International Journal of Technology Policy and Management*, Vol. 1, No. 1: 100-114 (1999).
- C-06. L. Jean Camp & Rose Tsang, "Universal Service in a Ubiquitous Digital Network," *Journal of Ethics and Information Technology*, Vol. 2, No. 4: 211-221 (2001). Previous version presented at *INET 1999*, 22-25 San Jose, CA (June 1999).
- C-05. L. Jean Camp, "Web Security and Privacy: An American Perspective," *The Information Society*, Vol. 15: 249 - 256. Also selected for inclusion in *Readings in Cyberethics* as noted above (1999).
- C-04. L. Jean Camp & Marvin Sirbu, "Critical Issues in Internet Commerce," *IEEE Communications*, Vol. 35, No. 5: 58-62 (May 1997).
- C-03. L. Jean Camp, "Privacy: From Abstraction to Applications," *Computers & Society*, Vol. 24, No. 3: 8-15 (Sept. 1994).
- C-02. L. Jean Camp & J. D. Tygar, "Providing Auditing and Protecting Privacy," *The Information Society*, Vol. 10, No. 1: 59-72 (March 1994).
- C-01. M. Feldman, R. Sharma & L. Jean Camp, "Guided-Wave and Free-Space Optical Interconnects for Parallel-Processing Systems: A Comparison," *Applied Optics*, 6169-6180 (10 September 1994).

Peer Reviewed Conferences

- D-65. Kevin Benton and L. Jean Camp, "Firewalling Scenic Routes: Preventing Data Exfiltration via Political and Geographic Routing Policies" SafeConfig 2016: Testing and Evaluation for Active & Resilient Cyber Systems, (Hofburg Palace, Vienna, Austria) October 24, 2016.
- D-64. Kevin Benton, L. Jean Camp and Martin Swamy, "Bongo: A BGP Speaker Built for Defending Against Bad Routes. Accepted for *Military Communications, MILCOM 2016-2017* IEEE, IEEE 2016. (November 1-3, 2016, Baltimore, MD)
- D-63. G. Deckardt, L. Jean Camp, "Measuring efficacy of a classroom training week for a military cybersecurity training exercise", *2016 IEEE International Conference on Technologies for Homeland Security*, (Waltham, MA) 10-16 May 2016
- D-62. Rajivan, P. Moriano, T. Kelley and J. Camp, "What Can Johnny Do?—A study of factors that influence security expertise in end-users", *International Symposium on Human Aspects of Information Security & Assurance*, Frankfurt, Germany, (HAISA 2016) 19-21 July 2016.

- D-61. L Jean Camp, Jacob Abbott, and Siyu Chen, "CPasswords: Leveraging Episodic Memory and Human-Centered Design for Better Authentication" *Hawaii International Conference on System Sciences*, (Kauai, HI) 5-9 Jan 2016.
- D-60. Yasmeen Rashidi, Kami Vanei, Jean Camp, "Give me more control: Managing privacy in WhatsApp using simplified choices", *USEC: A NDSS MiniCon on Usable Security*, (San Diego, CA) 21 February 2016.
- D-59. G. Norcie & L Jean Camp, "The Price Of Privacy: An Examination of the Economic Costs of Abstention from Social Networks", *2015 Amsterdam Privacy Conference (APC 2015)*, 23 - 26 October 2015.
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- E-23. Krishna Bathina, Shakthidhar Gopavaram, & L Jean Camp, “Big Bad Wolf: Measuring Online Risk Behavior”, *Bridging the Gap Between Privacy By Design and Privacy in Practice, a CHI Workshop*. 2015.

- E-22. Huber, L., Camp, L.J., Garg, V., Borrero, L. (2012). Staying safe online: How to protect your money and your privacy. *Association for Gerontology in Higher Education 38th Annual Meeting* (Arlington, VA) 23-26 February 2012.
- E-21. L. Jean Camp, L. Huber, & Kay Connelly, "Designing Ubicomp with Privacy Constraints Defined by Users", *Nurturing Technologies in the Domestic Environment: Feeling Comforted, Cared for, and Connected at Home*, workshop held in conjunction with *Ubicomp 2006*. (Orange County, CA) 18 Sept. 2006.
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- E-19. Vaibhav Garg & L. Jean Camp, "Mental Models of Security" *Security & Human Behavior*, (MIT Cambridge MA) 2-3 July 2008.
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- E-16. Allan Friedman, Alla Genkina and L. Jean Camp, "Net Trust: Designing for Human Trust Perception", *Trustworthy Interfaces for Passwords and Personal Information* (Stanford University, Palo Alto, CA) 13 June 2005.
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- E-06. L. Jean Camp, "Democratic Implications of Internet Protocols", *DIMACS Workshop on Design for Values: Ethical, Social and Political Dimensions of Information Technology*, (Princeton NJ) Feb. 28 - March 1, 1998.
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- E-03. L. Jean Camp, M. Sirbu & J. D. Tygar, "Token and Notational Money in Electronic Commerce," *Proceedings USENIX Workshop on Electronic Commerce*, July 1995, New York, NY, pp. 1-12.
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Abstracts & Posters

- F-13 P. Morano, L Jean Camp, “Macroeconomic Analysis of Routing Anomalies”, *Telecommunications Policy Research Conference Posters*, (Arlington, VA) 2016. (best poster award)
- F-12. S. Chen, Timothy Kelley, Zheng Dong, and L. Jean Camp, “The Effects of HeartBleed on Certificate Change: Meh”, *ACSAC* (Los Angeles, CA) 7 – 11 December 2015.
- F-11. K Benton, Jean Camp, Timothy Kelley and Martin Swany, “Filtering IP Source Spoofing using FPRPF with SDN”, *IEEE CNS: Conference on Communications and Network Security* (Florence, IT) 28-30 September 2015.
- F-10. Caine, K., Connelly, K., Camp, L.J., Huber, L., Shankar, K., & Zimmerman, C, “DigiSwitch: Control Panel for Home Monitoring Technologies”, *100 Designs and Technologies for Healthy Aging*. Morgan and Claypool, (Atlanta, GA) 30 May 2015.
- F-09. Jacob Abbott, Violeta Moreno, & L. Jean Camp, “Password Differences based on Language and Testing of Memory Recall”, *Annual Computer Security Applications Conference*, (New Orleans, LA), 7-11 Dec. 2014.
- F-08. Mariana Cains, Diane Henshel, Jean Camp, Alex Alexeev, Tim Kelley, and Jacob Abbott, “Holistic Cyber Security Risk Assessment Framework”, *Society for Risk Analysis Annual Meeting* (Denver, CO) 7-10 Dec. 2014
- F-07. L. Jean Camp, “SIGCHI Extended Abstracts: Design for Values in Security and Security Education”, *CHI 2014 Workshop on Values & Design in HCI Education*, (Toronto, CN) 27 April 2014. .
- F-06. L. Jean Camp, “Common Pool and Crowdsourcing in Health Informatics WOW Workshop on Ostrom Workshops, Indiana University (Bloomington, IN) 18-20 June 2014
- F-05. Z. Dong, A. Kapadia and L Jean Camp, “Pinning and Binning: Building Whitelists and Blacklists Using Machine Learning”, *ACSAC* (New Orleans, LA) 3-7 December 2013.
- F-04. Kevin Benton, L Jean Camp & Chris Small, "OpenFlow Vulnerability Assessment", *HotSDN*, August 2013, (Hong Kong) (extended abstract)
- F-03. Vaibhav Garg & L Jean Camp, “Macroeconomic Analysis of Malware”, *NDSS* (San Diego, CA) 24-27 February 2013, (extended abstract)
- F-02. L. Jean Camp, D.A. Evensky, “Survivability & Trust,” *Research Directions for the Next Generation Internet* (Washington, DC) 12-14 May 1997.
- F-01. L. Jean Camp, Warigia Bowman & Allan Friedman “Voting, Vote Capture & Vote Counting Symposium,” *Proceedings of the 6th Annual National Conference on Digital Government Research*, (Atlanta, GA). pp. 198 – 200, 15-18 May 2005.

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- G-05. Jacob Abbott, Pratik Patel, Zheng Dong, Kevin Kane, David Cooper, “X.509 in Practice (It’s worse than you think)”, *Real World Crypto*, 4-6 January 2017.
- G-04. L. Jean Camp, “Security and Privacy Interactions as Risk Communication” *AAAS Annual Meeting*. (San Jose, CA) 12-16 Feb 2015.
- G-03. Kalpana Shankar , Lesa Huber. L.Jean Camp, Kelly E. Caine, and Katherine H. Connelly. “Finding the Older User in Home-Based Computing Studies”, *Society on Gerontechnology International Symposium of Automation and Robotics in Construction* (ISG*ISARC 2012) (Eindhoven, NL) 26-29 June 2012.
- G-02. L. Jean Camp, “Human Autonomy in the Age of Active Aware Pervasive Computing”, *AAAS Annual Meeting*, (St. Louis MO) 16-18 February 2006.
- G-01. L. Jean Camp, “Digital Identity,” *International Symposium on Technology and Society 2003—Crime Prevention and Security* (Amsterdam, NL) 24 - 26 September 2003.

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- H-11. L Jean Camp, “Respecting People and Respecting Privacy”, *Communications of the ACM*, 58(7), 27-28. 2015.
- H-10. Sasse, M. A., Palmer, C. C., Jakobsson, M., Consolvo, S., Wash, R., & Camp, L. J. (2014) “Helping You Protect You” *IEEE Security & Privacy*, Vol. 12, No. 1, Dec. 39-42. 2014.
- H-09 L. Jean Camp, “Identity and Incentives”, *IEEE Security & Privacy*, Vol. 8, No. 6, pp 90-94. Nov./Dec. 2010.
- H-08. L. Jean Camp, “A Life or Death InfoSec Subversion”, *IEEE Security & Privacy*, with Camilo Viecco, Vol. 6, No. 5, pp. 74-76, Sept./Oct. 2008.
- H-07. L. Jean Camp, Book review: “Power and Security in the Information Age”, *Information, Communication and Society*, 2008

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- H-04. L. Jean Camp, "Computer Attacks have focused on the wrong issues," *Boston Globe*, A8, Feb. 17, 2000..
- H-03. L. Jean Camp, "Grameen Phone: Empowering the Poor Through Connectivity," *iMP: The Magazine on Information Impacts*, with Brian Anderson, December 1999.
- H -02. L. Jean Camp, "Why do Phil's Travails Matter?," *IEEE IMPACT*, pp. 1, August 1995.
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Other Works

- I-09. T Davis, JM Peha, E Burger, LJ Camp, D Lubar, "Risking it All: Unlocking the Backdoor to the Nation's Cybersecurity", A White Paper prepared by The IEEE-USA Committee on Communications. Policy (CCP). Available at http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2468604
- I-08. K Caine, Connelly, K., Camp, L.J., Huber, L., Shankar, K., & Zimmerman, C. (in press, 2014). DigiSwitch: Control Panel for Home Monitoring Technologies. 100 Designs and Technologies for Healthy Aging. Atlanta, GA: Morgan and Claypool, May 30, 2015
- I-08. Jean Camp, Lorrie Cranor, Nick Feamster, Joan Feigenbaum, Stephanie Forrest, Dave Kotz, Wenke Lee, Patrick Lincoln, Vern Paxson, Mike Reiter, Ron Rivest, William Sanders, Stefan Savage, Sean Smith, Eugene Spafford, Sal Stolfo., "Data for cyber-security research: Process and "wish list", 10 June 2009, <http://www.gtisc.gatech.edu/filesnsf10/data-wishlist.pdf>."
- I-07. L. Jean Camp, "Voting and Vote Counting: The Annotated Best Practices", Institute of Politics, Harvard, (Cambridge, MA) July 2004. Distributed as model research by Harvard University's Kennedy School of Government to all attendees of the Democratic National Convention.
- I-06. L. Jean Camp, "Identity in Digital Government: A Research Agenda", Harvard, Nov. 2003. Over 200 copies distributed by the National Science Foundation and the Kennedy School of Government.
- I-05. L. Jean Camp, "A Review of the Seventh Financial Cryptography," CIPHER, Issue 53, May 2003.
- I-04. L. Jean Camp, "Internet Voting is No Solution", Belfer Center for Science and International Affairs, http://belfercenter.ksg.harvard.edu/publication/3398/jean_camp.html
- I-03. L. Jean Camp, "Security & Privacy Lost," CPSR Journal, Vol. 19, No. 1, Fall 2001.
- I-02. L. Jean Camp, "A Review of Financial Cryptography," CIPHER, Issue 42, May 1, 2001.
- I-01. R. Morris & L. Jean Camp, "Wine on the Wire: Press Coverage of Internet Commerce", Shorenstein Center on the Press, Politics, & Public Policy Computer Security Mental Models of Experts and non-Experts Working Paper Series, 6 Feb. 1999.

Patents

- US Provisional 62/243,109, Method of Identifying Certificates, submitted October 18, 2016
- US Provisional 62/297,896, Preventing router Attacks, provisional until Feb 21, 2017
- US 14/547,889: Methods And Systems For Passcode Creation And User Authentication
Password Creation and Sharing Prevention Based on Cognitive Behavior
- US 6/317,729: Method for certifying delivery of secure electronic transactions.
- US 6/076,078: Anonymous Certified Delivery.
Previous Provisional Patents Filed by Places of Employment:
Visual Recognition of Medication for Monitoring, 2010
Cellular-Based Portal Control Monitor to Defend Vulnerable At-Home Populations, 2008
Pharming Detection Using Personal Histories, 2007
Peer Production of Security Information, 2005 (with Harvard University)

Keynotes & Plenary Presentations

- "Beyond Usability and Economics: Translucent Security", UNC SLIS Kilgore Lecture, (Chapel Hill, NC) 17 March 2014

- “Efficient Methods to Guard Against Online Risk”, Executive Office of the President, National Security Staff, (Washington, DC) 27 September 2013.
- “Building Trust by Communicating Risk”, UIC Distinguished Lecture Series (Chicago, IL) 14 November 2013.
- “Beyond usability: Security Interactions as Risk Perceptions”, Trustbuilders and Trusbusters Workshop, (Newcastle, UK) 26 July 2013. Keynote
- “Policy Issues in Identity Management”, Identity Management in an Open Society”, US Department of State, Meridian Conference Center, 20 November 2009
- “Design for Trust in Ambient & Ubiquitous Computing”, Sixth International Conference on Ubiquitous Intelligence and Computing, (Brisbane, AU) 6-8 July 2009. Keynote
- “Hardening the Network from The Friend Within”, 14th Australasian Conference on Information Security and Privacy (Brisbane, AU) 4-6 July 2009. Keynote
- “Possible Policies for the Final Eights”, ARIN XXIII (San Antonio, TX) 26-29 April 2009. Plenary
- “IPv6 Adoption in Autonomous Systems and Advertised Routers”, RIPE 56 (Berlin, DE) 5-9 May 2008. Plenary
- “IPv6 Diffusion Through the Lens of Economics of Security”, ARIN XXI (Denver, CO) 7 April 2007. Plenary
- “Identity in Context”, IBM Identity Management Summit, (Victoria, BC Canada) April 2004. Keynote
- “Unintended Consequences of Design”, The International Society for Optical Engineering (SPIE) Photonics East (Boston MA) 5-8 November 2000. Keynote
- “When Data =Death, Security for Medical Information Systems”, The IEEE Information Technology Applications in Biomedicine Third International Conference (Arlington VA) 9-10 November 2000. Plenary
- “Privacy on the Web,” *Symposium on Network & Distributed System Security* (San Diego, CA) 10-11 February 1997.

Invited Presentations

- “Routing Anomalies as Crime, Intelligence, or Incompetence: Macroeconomic Evidence and Effective Responses”, Siemens Research Presentation (Munich, DE) 18 Nov 2016
- “User-centered Security & Risk Communication”, Assessing ICT Security Risks in Socio-Technical Systems Dagstuhl-Seminare (Dagstuhl, DE) 17 Nov 2016.
- “Beyond Binary: Gender and AI”, ACM Workshop on Algorithmic Transparency & Accountability, (Philadelphia, PA) 28 October 2016.
- “SDN in the Ecosystem” Network Attack Detection and Defense - Security Challenges and Opportunities of Software-Defined Networking Dagstuhl-Seminare (Dagstuhl, DE) 5 Sept 2016.
- “Education, Awareness, Expertise”, The Bern Symposium on Global Cybersecurity Awareness Messaging, (Bern, SW) 1 Sept 2016.
- “Too Much Too Late: Making Android Permissions Work”, UC Berkeley, (Berkeley, CA) 15 March 2016
- Future of Privacy Panel: David Chaum (Voting Systems Institute), Florian Kerschbaum (SAP), Adi Shamir (The Weizmann Institute of Science, Israel), Avi Rubin (JHU), Jean Camp (Indiana University) Financial Cryptography, 24 February 2016
- “Cyber War and, or, vs Cyber Crime”, Valparaiso University (Valparaiso, IN), 8 Feb 2016
- “Human-Centered Security Changes Human Security Behavior”, DHS Tech Showcase (Washington, DC) 5 February 2016
- “Beyond Usability & Economics to Trustworthiness”, HIMSS Privacy & Security Forum, (Boston, MA) 2 December 2015
- “Cryptography and Competition”, Blouin Creative Leadership Summit (NY, NY), 21-22 September 2015.
- “Economics of Security and Trust”, WISE Keynote (Women in Security), keynote, Berkeley CA 17 June 2015.
- “CyberWar: Don’t Say It”, UIUC ACDIS Summer Workshop in International Security, UIUC, 10 June 2015.
- “Designing for People: Helping the People Participating with us on the Network”, The Googleplex, (Mountain View, CA) 18 March 2015.
- “Translucent Security”, NC State University, (Raleigh, NC) 4 December 2014.
- “Designing for People”, Google, (Zurich, CH) 13 November 2014.
- “Usability and Economics”, Department of Electrical and Computer Engineering Distinguished Lecture Series, Kansas State, (Manhattan, Kansas) 24 October 2014.

“Computer Security, Competitiveness, and the NSA”, Blouin Creative Leadership Summit (NY, NY), 23-24 September 2014

“Helping the People Participating with us on the Network”, Google, (Zurich, CH) 21 August 2014.

Lesla Huber, L Jean Camp, "People, Privacy, and Peer Production", Summer School Utrecht, University Utrecht, (Utrecht, NL) 7 July 2014.

“Bridging Engineering and Policy”, ASEE Annual Meeting (Indianapolis, IN) 17 June 2014 (Panel with ASEE President)

“Aligning Authentication with Human Cognition, aka Making Passwords Work”, Security and Human Behavior, Cambridge University, (Cambridge UK) 9-11 June 2014.

“Why So Little Security?”, UC Davis, CSEC CRA Working Presentation (San Deigo, CA) 26 February 2014.

“Hardening the Software Defined Network, University of California at Riverside, CSEC CRA Working Presentation (Riverside, CA) 25 February 2014.

“Trust in the Physical and Virtual Worlds”, (Dis)Emmbodiment Conference, Meiji University (Tokyo, JP) 16 December 2013.

“Designing for Trust”, RSA Invited Speaker (Bedford, MA) 5 November 2013.

“Security Designers are the Weakest Link”, Communications Futures Program (CFP) Speaker Series CSAIL MIT, (Cambridge, MA) 22 October 2013.

“Security as a Common Pools Good”, 2013 Blouin Creative Leadership Summit, Metropolitan Club (New York, NY) 25 September 2013.

“Security, Usability, and Why We Have Neither”, *HotSec '13: 2013 USENIX Summit on Hot Topics in Security* (Washington, DC) 13 August 2013.

“Conducting Research Using Data of Questionable Provenance”, *CSET: Workshop on Cyber Security Experimentation and Test* (Washington, DC) 12 August 2013.

“Translucent Security” Risk Perception in IT Security and Privacy (RP-IT) Workshop, A SOUPS Workshop, Newcastle upon Tyne, 26 July 2013.

“Economics of Cybersecurity”, *National Grid Cyber-security Research Centre*, University of Aberdeen, (Aberdeen, UK) 15 March 2013.

“Enabling Cybersecurity”, *Horizon Digital Economy*, U. of Nottingham (Nottingham, UK) 13 March 2013.

“Risk Communication for Cybersecurity”, Computer Science and Telecommunications Board, National Academy of Sciences, (Washington, DC) 12 March 2013.

“A Decade of Interdisciplinary Research”, *The 13P Tenth Anniversary*, National Press Club (Washington, DC) October 2012.

V. Garg & L. Jean Camp, “Macroeconomics of eCrime”, *Security and Human Behavior* (New York, NY) 4-5 June 2012.

“Translucent Security”, *School of Computer Security Seminar Series*, University of North Carolina Charlotte, (Charlotte, NC) 3 May 2011.

“Human Behaviors and Security”, *Cyber Security: Exploring the Human Element* (National Press Club, Washington, DC) 8 March 2011.

V. Garg, L. Jean Camp, “Privacy Framework for Older Adults”, *Workshop on Security and Human Behavior*, (CMU, Pittsburgh, PA) 17-18 June 2011.

V. Garg & L. Jean Camp, “How Safe is Safe Enough: The Online Version”, *Workshop on Security and Human Behavior*, (Cambridge, UK) 28-29 June 2010.

“Online Economics Behaviors: Taking Risks”, *Security Economics Workshop* (London, UK) 26 June 2009.

“Exactly What Is it That You Will Never Admit? Challenges to User-Centered Research in Privacy”, *Privacy Methodologies Workshop* (London, UK) 23 - 24 March 2009

“Security@Home” *Sun Microsystems Intellectual Desserts* (Menlo Park, CA) 13 November 2008.

“Security & Elders”, *IPSI Public Lecture Series*, University of Toronto (Toronto, CN) 10 Nov. 2008.

“Security & Human Behavior”, *Interdisciplinary Studies in Information Security* (Monte Verita, SW), 7-11 July 2008.

“An Idiosyncratic View of Economics of Security” *Interdisciplinary Studies in Information Security Workshop*, (Monte Verita in Ascona, Ticino, SW) 7-11 July 2008.

“The Inadvertent Insider: Communicating Security Risks”, *The Insider Threat in the Networked World*, (Durham, NC) 15-16 April 2008.

- “IPv6 Diffusion: Learning from Economics of Security”, *CISCO Workshop on the Future of Internet Addressing*, (Milpitas, CA) 4 March 2008. with Hillary Elmore.
- “Communicating Security State using Net Trust”, *Google Research Seminar*, (Mountain View, CA) 28 February 2008. with Brandon Stephens
- “Design for Values: Privacy in UbiComp”, *Bren School of Information and Computer Sciences Research Seminar*, (NY, NY) 29 November 2007.
- “Privacy in ubiquitous and home computing”, *University City London / British Telecom Computer Science Seminar*, (Ipswich, UK) 1 August 2007.
- “Computer Security and Human Trust Behaviors”, 2007 Decision and Risk Analysis Conference: Convergence Between Finance and Industry (Dallas, TX) 22-23 May 2007.
- “Net Trust: A Status Report”, *Symantec Research Seminar* (Mountain View, CA) 4 May 2007.
- “Trust and Trusted Computing”, *Usable Security* (Tobago, BWI) 16 February 2007.
- “Games, Privacy, Identity: The Coming Collision of Virtual & Real”, *Financial Cryptography* (Tobago, BWI) 14 February 2007.
- “Defeating Spam One Account at a Time”, *Money Finance and Growth: XV International Tor Vergata Conference on Banking and Finance*, Faculty of Economics (Rome, IT) 13 December 2006.
- “Net Trust: Embedding Identity in Social Context”, *Oxford Internet Institute Research Seminar*, (Oxford, UK) 7 December 2006.
- “Economics of Identity”, 7th Annual Privacy and Security Workshop: Your Identity Please: Identity Theft and Identity Management in the 21st Century, Toronto School of Law (Toronto, CN) 2-3 November 2006.
- “Economics of Security as Design Parameters”, *School of Information Research Seminar*, University of Michigan, (Ann Arbor, MI) 26 October 2006.
- “Designing UbiComp with Privacy Constraints Defined by Users,” *Nurturing Technologies in the Domestic Environment: Feeling Comforted, Cared for, and Connected at Home*, (Orange County, CA) 18 Sept. 2006. Workshop held conjunction with *UbiComp 2006*. with L. Huber, & Kay Connelly.
- “Beyond Usable Security: A Matter of Trust, An Issue of Risk” *Workshop on Future Directions for NSF’ Cyber Trust Program* (Pittsburgh, PA) 5-7 October, 2006.
- “Hard Wired Identity”, *Oxford Internet Institute* (Balliol College, Oxford, UK) 29 Sept. 2006.
- “Open Code as Governance” , Pennsylvania School of Law Symposium on Open Source in the International Marketplace, (Philadelphia, PA) 31 March 2006.
- “Security and Morality: A Way Forward on Design For Values”, *eValues* (Bled, Slovenia) 5-7 June 2006.
- “Open Code, Free Software, and Governance”, *Open Source in the International Marketplace*, University of Pennsylvania School of Law Symposium (Philadelphia, PA) 31 March 2006.
- “Forging Trust Using reliable Economic Signals”, *CERLAS Annual Symposium* (West Lafayette, IN) 22 March 2006.
- “Net Trust” *Google Security Group Research Seminar* (Mountain View, CA) 3 August 2005. With Alla Genkina and Allan Friedman
- “Designing for Values: A Response to Technology Neutrality in Ubiquitous Computing and Home Healthcare” *American Society for Information Science and Technology (ASIS&T) 2005 Annual Meeting*, 28 Oct. – 5 Nov. 2005, Charlotte, NC. with Kalpana Shankar and Kay Connelly.
- “Privacy in Voting”, *Technical Workshop for Chief Technology Officers*, National Research Council and Election Assistance Commission (Washington, DC) June 2005.
- “Social and Network Trust”, *DIMACS* (New Brunswick, NJ) 14 - 15 April 2005. with Alla Genkina and Allan Friedman.
- “Economics of Information Security”, *CFI-CIRT, BMO Financial Group Annual Meeting* (Toronto CN) 10 February 2005.
- “Transparency in Digital Government”, *Public Services Programme’s Workshop on Transparency: The Term and the Doctrine*, British Academy (London, United Kingdom) 14 January 2005.
- “The Economics of Information Security”, 13th CACR Information Security Workshop & 5th Annual Privacy and Security Workshop: Privacy and Security: Seeking the Middle Path, Centre for Applied Cryptographic Research, (Toronto, Canada) October 2004.
- “Economics of Information Security,” *Second Workshop on the Economics of Peer-to-Peer Systems*, Harvard University, (Cambridge, MA) June 2004.

“Identity as a Social and Technical Construct,” 14th IEEE-RIDE (Research Issues on Data Engineering) Workshop Web Services for E-Commerce and E-Government Applications (Boston, MA) 28 April 2004.

“Licenses and Code Sharing” *GOCC Inaugural Meeting*, Kennedy School of Government (Cambridge, MA) December 2003.

“Open Source, Myth Versus Reality,” *Massachusetts Executive Leadership Forum*, (Boston, MA) 15 October 2003.

Panel organized and Chaired, Privacy in Internet Commerce, *International Conference on Electronic Commerce*, 1 - 3 Oct. 2003, (Pittsburgh, PA).

“Identity in Digital Government; Best Practices and a Research Agenda,” *Max Planck Institute 14* (Bonn, Germany) July 2003.

“Using Ethnographic Data to Evaluate Technical Design,” *WebShop 2003*. University of Maryland. (College Park, MA) 3-5 June 2003.

“Privacy by Design: A Study in Cooperation Across Disciplines,” *Workshop on Public Values, Systems Design, and the Public Domain*, Programme in Cooperative Media Law & Policy, Oxford. (Bellagio, Italy) 3-7 March 2003.

“Trust and Risk in Internet Commerce: Design for Trust,” *The Institute for Security Technology Studies*, Dartmouth University, (Dartmouth, NH) 17 January 2003.

Panel organized and Chaired, Economics of Security, *Financial Cryptography*, (Le Gosier, Guadeloupe) 26-30 January 2003.

“Design for Values in DRM,” *MITRE* (Bedford, NH) 15 November 2002.

“Thailand At the Crossroads in Telecommunications”, *International Conference on Science, Technology and Innovation*. BCSIA, KSG. Harvard (Cambridge, MA) 23- 24 September 2002.

“Digital Rights Management as Design for Trust,” *Public Design Workshop*, NYU Law School (NY, NY) 13-14 September 2002.

“Returning to First Principles: The Functions of Copyright as a Basis for DRM in 2002,” *Cryptography and Information Security Group Seminar*, MIT (Cambridge, MA) 14 April 2002.

“Privacy Models and Business Plans,” *Internet & Telecoms Convergence Annual Meeting*, (Cambridge, MA) 16 January 2002.

“Security & Privacy Lost,” *Nurturing the Cybercommons 1981 -2001*, Ann Arbor, (Ann Arbor, MI) 19-21 October 2001.

“Design for Values in Computer Science,” *Georgia Institute of Technology College of Computing Departmental Seminar*, (Atlanta, GA) September 2001.

“IT & the Developing World,” *Global Governance of Technology: Meeting the Needs of Developing Countries*, Harvard University (Cambridge MA) April 2001.

“Negotiating the Global Internet Rating and Filtering System: Views of the Bertelsmann Foundation's Self-regulation of Internet Content Proposal,” *Computers, Freedom, and Privacy 2000* (Toronto, CA) 4-7 April 2000. Panel organized and chaired with C. Hunter.

“Internet Governance, From Meritocracy to Adhocracy to Bureaucracy,” *CPSR Internet Governance Workshop*, (Washington, DC) Sept. 1999.

“Digital Signatures: Beware the False Simplicity of Analogy,” *Massachusetts Continuing Legal Education*, Massachusetts Bar Association (Boston, MA) May 1998.

“Web Privacy” Panel on Policy Perspectives, DIMACS Workshop on Design for Values: Ethical, Social and Political Dimensions of Information Technology, (Rutgers, NJ) 28 February 1998.

“Democratic Implications of Web Privacy,” *Computer Science Department Colloquium*, University of Massachusetts at Amherst (Amherst, MA) 19 November 1997.

“Issues in Electronic Commerce,” *NationsBank Architecture & Infrastructure Group*, (Charlotte, NC) 12/18/1996.

“Options, Opportunities & Obstacles in Electronic Commerce,” *Future of Electronic Banking*, Columbia Institute of Tele-Information, Columbia University (NY, NY) 23 October 1996.

“Cryptography, Privacy and Health Data,” *Privacy, Information Technology and Health Care*, Virginia Health Policy Center, U. of Virginia (Charlottesville, VA) 24- 25 July 1996.

“Internet Commerce: Evolution, Examples and Evaluation,” *Banking on the New Paradigm* (Tokyo, Japan) 12/1995.

“Information Policy & Security,” *IEEE USAB Briefing of the Office of Science and Technology Policy* (Washington, DC) October 1994, with Robert Powers & Glenn Tenney.