

# Curriculum Vitae

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## CURRENT POSITIONS

Professor, School of Public Policy, Georgia Institute of Technology (2015-present)  
Director, [The Internet Governance Project](#)

## EDUCATION

1989: Ph.D., [University of Pennsylvania, Annenberg School](#)  
1986: M.A., [University of Pennsylvania, Annenberg School](#)  
1976: B.A., [Columbia College, Chicago](#).

## PUBLICATIONS

### *Books*

Milton L. Mueller, [Will the Internet fragment? Sovereignty, Globalization and Cyberspace](#).  
London: Polity Press. (May 2017)

Milton L. Mueller, [Networks and States: The Global Politics of Internet Governance](#). Cambridge,  
Mass.: The MIT Press. (September 2010)

Milton L. Mueller, [Ruling the Root: Internet Governance and the Taming of Cyberspace](#).  
Cambridge, Mass.: The MIT Press (2002)

Milton L. Mueller, [Universal Service: Interconnection, Competition, and Monopoly in the Making of American Telecommunications](#). (MIT Press/AEI Series on Telecommunications Deregulation, 1997).

Milton L. Mueller, [Telecom Policy and Digital Convergence](#). (Hong Kong: City University Press, the Hong Kong Economic Policy Studies Series, 1997).

Milton L. Mueller and Zixiang Tan, [China in the Information Age: Telecommunications and the Dilemmas of Reform](#). (Washington, DC: Center for Strategic and International Studies, 1996).

Milton L. Mueller, [Telephone Companies in Paradise: A Case Study in Telecommunications Deregulation](#). New Brunswick, NJ: Transaction Publishers, 1993.

Milton L. Mueller, [International Telecommunications in Hong Kong: The case for liberalization](#) (2nd edition). Hong Kong: The Chinese University Press, 1992.

### *Refereed Journal Articles and Book Chapters*

Milton Mueller and Farzaneh Badii. Governing Internet Territory: ICANN, Sovereignty Claims, Property Rights, and Country Code Top Level Domains. *Columbia Science and Technology Law Review*, Vol. XVIII. (2017).

Brenden Kuerbis & Milton Mueller. Internet routing registries, data governance, and security. *Journal of Cyber Policy* Vol 2 No. 1. (March 2017).

Milton Mueller. Communications and the Internet. Chapter 25 in J. Cogan, I. Hurd & I. Johnstone, *The Oxford Handbook of International Organizations*, Oxford: Oxford University Press (2016).

Milton Mueller, Detaching Internet governance from the state: Globalizing the IANA. *Georgetown Journal of International Affairs* (October 20, 2014).

Andreas Kuehn and Milton Mueller, Analyzing Bug Bounty Programs: An Institutional Perspective on the Economics of Software Vulnerabilities, TPRC42, Arlington, VA. (September 12, 2014).

Andreas Kuehn and Milton Mueller. "Einstein on the Breach: Surveillance Technology, Cybersecurity and Organizational Change." Chapter 6 in G. Giacomello (Ed.), *Security in Cyberspace: Targeting Nations, Infrastructures, Individuals*. London: Bloomsbury (2014).

Milton Mueller, Brenden Kuerbis and Hadi Asghari. Dimensioning the elephant: An empirical analysis of the IPv4 number market *Info* 15(6), 6-18, (September 2013).

Michel van Eeten and Milton L. Mueller, "Where is the Governance in Internet Governance?" *New Media & Society*, 15(5), 720-736 (August 2013).

Milton Mueller, Andreas Schmidt and Brenden Kuerbis, "Internet Security and Networked Governance in International Relations," *International Studies Review*, 15(1), pp. 86–104, (March 2013).

Milton Mueller, "Internet Addressing: Global Governance of Shared Resource Spaces," Chapter 3 (52-70) in Ian Brown (ed.), *Research Handbook on the Governance of the Internet*. Edward Elgar, 2013.

Milton L. Mueller and Hadi Asghari, "Deep packet inspection and bandwidth management: Battles over BitTorrent in Canada and the United States." *Telecommunications Policy* Vol. 36, No. 6, (July 2012), 462-475.

Milton L. Mueller, Andreas Kuehn and Stephanie Santoso, "Policing the Network: Using DPI for copyright enforcement." *Surveillance and Society* Vol. 9, No. 4, (July 2012), 348-364.

Brenden Kuerbis and Milton L. Mueller, "Negotiating a new governance hierarchy: The conflicting incentives to secure Internet routing." *Communications & Strategies* 81 (March 2011), 125-142.

Milton L. Mueller, "China and Global Internet Governance: A Tiger by the Tail." Chapter 9 in R. Deibert, J. Palfrey, R. Rohozinski & J. Zittrain (Eds.) *Access Contested: Security, Identity and Resistance in Asian Cyberspace*. Cambridge, Mass: MIT Press (2011).

Brenden Kuerbis and Milton Mueller, "Securing the Root," Chapter 4 in *Opening Standards: The global politics of interoperability*. L. DeNardis, (Ed.). Cambridge, Mass: MIT Press (2011)

Milton Mueller, "Property and Commons in Internet Governance," Chapter in *Governance, Powers and Regulation on the Internet*, E. Brousseau, M. Marzouki and Cecile Meadel (Eds.), Cambridge University Press, 2011. (Available on SSRN)

Ralf Bendrath and Milton L. Mueller, The end of the net as we know it? Deep packet inspection and Internet governance, *New Media and Society*, Vol. 13, No. 7 (November 2011), 1142-1160.

Milton L. Mueller, "Critical resource: An institutional economics of the Internet addressing-routing space." *Telecommunications Policy* Vol. 34 (2010) 405–416.

Peter Cowhey and Milton Mueller, "Delegation, Networks and Internet Governance," Chapter 9 in Miles Kahler (ed.), *Networked Politics: Agency, Power and Governance*. Ithaca: Cornell University Press (2009).

Milton L. Mueller and Mawaki Chango, "Disrupting Global Governance: The Internet Whois Service, ICANN and Privacy." *Journal of Information Technology and Politics* Vol. 5, No. 3, (2008) 303-325.

Milton L. Mueller, "Info-Communism? Ownership and freedom in the digital economy." *First Monday*, April 2008.

Milton L. Mueller, Brenden Kuerbis, and Christiane Page, "Democratizing Global Communication? Global Civil Society and the Campaign for Communication Rights in the Information Society." *International Journal of Communication* Vol. 1 (2007).

Milton L. Mueller, John Mathiason and Hans Klein, "The Internet and Global Governance: Principles and Norms for a New Regime." *Global Governance* 13:2 (April-June, 2007).

Milton L. Mueller, Yuri Park, Jongsu Lee and Tai-yoo Yim, "Digital Identity: How Users Value the Attributes of Online Identifiers," *Information Economics and Policy* 18:4 (November 2006), 405-422.

Milton Mueller, "Toward an Economics of the Domain Name System." *Handbook of Telecommunications Economics*, Volume 2, Technology Evolution and the Internet, Martin E. Cave, Sumit K. Majumdar and Ingo Vogelsang (eds.), Amsterdam, etc.: North-Holland/Elsevier. (2005)

Milton Mueller, "Convergence: A Reality Check." Chapter 11 in *The WTO and Global Convergence in Telecommunications and Audio-Visual Services*, D. Gerardin and D. Luff (Eds.), Cambridge: Cambridge University Press, 2004.

Milton L. Mueller and Lee McKnight, "The Post-COM internet: toward regular and objective procedures for Internet governance." *Telecommunications Policy* 28 (7/8), 487-502 (2004).

Milton L. Mueller, Christiane Page, Brenden Kuerbis, "Civil Society and the Shaping of Communication-Information Policy: Four Decades of Advocacy." *The Information Society* 20 (3), 1-17 (2004)

Milton Mueller and Dale Thompson. "ICANN and Intelsat: Global Communication Technologies and their Incorporation into International Regimes." Chapter in Sandra Braman (ed.), *The Emergent Global Information Policy Regime*. Palgrave/Macmillan, 2003.

Milton L. Mueller, "Competing DNS Roots: Creative Destruction or Just Plain Destruction?" *Journal of Network Industries*, 3(3) (Summer 2002).

Milton L. Mueller, "Rough justice: A Statistical assessment of ICANN's Uniform Dispute Resolution Policy." *The Information Society*, 17(3), (2001) 153-163.

Milton L. Mueller and Peter Lovelock, "The WTO and China's Ban on Foreign Investment in Telecommunication Services: A Game-theoretic Analysis." *Telecommunications Policy* 24 (8/9) (September-October, 2000), 731-760.

Milton Mueller, "Technology and Institutional Innovation: Internet Domain Names." *International Journal of Communications Law and Policy*, Issue 5, Article 1 (2000).

Milton Mueller, "Property Rights and Institutional Innovation: Internet Domain Names," in G. Libecap (Ed.), *Advances in the Study of Entrepreneurship, Innovation, and Economic Growth*, Vol 12, Entrepreneurship and Growth in the American Economy. Amsterdam: Elsevier (2000).

Milton Mueller, "Trademarks and Domain Names: Property rights and institutional evolution in cyberspace." Sharon E. Gillett and Ingo Vogelsang (Eds.), *Competition, Deregulation, and Convergence: Proceedings of the 26th Annual Telecommunications Policy Research Conference*, Mahwah, New Jersey: LEA Publishers (1999).

David Gabel and Milton Mueller, "Household Financing of the First 100 Feet?" in D. Hurley and J. Keller (Eds.) *The First 100 Feet: Options for Internet and Broadband Access*, Cambridge, MA: MIT Press (1999) 11-23.

Milton Mueller, "ICANN and Internet Governance: Sorting through the debris of self-regulation." *Info* 1 (6), 477-500, (December 1999).

Milton Mueller, "Digital Convergence and its Consequences," *Javnost/The Public* 6, 3, 11-28 (1999).

Milton Mueller, "Universal Service Policies as Wealth Redistribution," *Government Information Quarterly*, 16(4), 353-358 (1999).

Milton Mueller, "China's Telecommunications Sector and the WTO," in James Dorn (Ed.), *China in the New Millennium: Market Reforms and Social Development*. Washington, DC: Cato Institute (1998).

Milton Mueller, "The Battle over Internet Domain Names: Global or National TLDs?" *Telecommunications Policy* 22(2) (March 1998).

Milton Mueller, "The Hong Kong Internet Exchange: A Case Study in the Economics, Evolution, and Connectivity of Asian Internet Infrastructure," in Brian Kahin and James H. Keller, (eds.) *Coordinating the Internet* (Cambridge, MA: MIT Press, 1997).

Milton Mueller, "Telecommunications Access in the Age of Electronic Commerce: Toward a Third-Generation Universal Service Policy," *Federal Communications Law Journal* 49, 3 (April 1997).

Milton Mueller, "The User-Driven Network: the present extent of private networking in the United States." in E. Noam et al (eds.) *Private Networks and Public Objectives* (Amsterdam: Elsevier, 1996).

Milton Mueller, "On the Frontier of Deregulation: New Zealand Telecommunications and the Problem of Interconnecting Competing Networks." in Gabel, D. and Weiman, D., (eds.) *Opening Networks to Competition: the Regulation and Pricing of Access*. (Kluwer: 1996).

Milton Mueller, "Creating a Telecommunications Free Trade Zone in Greater China." in Lee, P., (ed.) *Telecommunications and Development in China* (New Jersey: Hampton Press, 1996).

Milton Mueller and Jorge R. Schement. "Universal Service from the Bottom Up: A profile of telecommunications access in Camden, New Jersey." *The Information Society* 12, 3 (1996) 273-291.

Milton Mueller, "Why Communications Policy is Passing Mass Communications By: Political Economy as the Missing Link." *Critical Studies in Mass Communication* 13, 3 (December 1995), 457-72.

Milton Mueller, "Universal Service as an Appropriability Problem: a new framework for analysis." in Brock, G. (ed.) *Toward a Competitive Telecommunications Industry: Selected Papers from the 1994 Telecommunications Policy Research Conference*. (Washington, DC: Lawrence Erlbaum & Associates, 1995).

Milton Mueller "Contested Terrain: Hong Kong's International Telecommunications on the Eve of 1997." in Comor, E.A. (ed.), *The Global Political Economy of Communication* (New York: St. Martin's Press, 1994).

Milton Mueller, "One Country, Two Systems: What will 1997 mean in telecommunications?" *Telecommunications Policy* 18, 3 (April 1994) 243-53.

Milton Mueller, "Universal Service in Telephone History: a reconstruction." *Telecommunications Policy* 17, 5 (July 1993) 352-69.

Milton Mueller, "New Zealand's Revolution in Spectrum Management," *Information Economics and Policy* 5, 2 (July 1993) 159-77.

Milton Mueller, "The Switchboard Problem: Scale, signaling and organization in the era of manual telephone switching, 1878-1898." *Technology and Culture* 30, 3 (July, 1989) 534-60.

Milton Mueller, "Technical Standards, the Market, and Radio Frequency Allocation," *Telecommunications Policy* 12, 1 (March 1988) 42-56.

### *Monographs*

Milton L. Mueller, [Securing Internet Freedom: Security, Privacy and Global Governance](#), Inaugural Address, Technology University of Delft XS4ALL Professor (October 2008).

Milton L. Mueller, [Reinventing Media Activism](#): Public Interest Advocacy in the Making of U.S. Communication-Information Policy, 1960-2002. The Convergence Center. Online. July 2004.

### *Edited Collections*

Guest editor: Special issue on 'Global Internet Governance, Research and Public Policy Challenges for the next Decade.' *Telecommunications Policy* 36(6) (July 2012).

Guest Editor with Becky Lentz: Special issue on "Social Determinants of Public Policy in the Information Age," *The Information Society* 20, 3 (Summer, 2004)

Guest Editor: Special issue on "Emerging Internet Infrastructures," *Communications of the ACM*, (June 1999).

Guest Editor: Special issue on "Telecommunications and the Integration of China," *Telecommunications Policy* 18, 3 (April 1994).

## PREVIOUS POSITIONS

2014 – 2017 Advisory Committee, [American Registry for Internet Numbers \(ARIN\)](#)  
2014 – 2016 Member, [IANA Stewardship Coordination Group \(ICG\)](#)  
8/03 – 08/15: Professor, [School of Information Studies](#), Syracuse University, USA.  
1/08 – 12/11: XS4All Chair for the Security and Privacy of Internet Users, Technology University of Delft School of Policy and Management, Netherlands.  
1/98 - 9/03: Associate Professor. Syracuse University School of Information Studies.  
8/92-7/97: Assistant Professor. Department of Communication, School of Communication, Information, and Library Studies, Rutgers University, New Brunswick, New Jersey. Promoted to Associate Professor, July 1997.  
1/97 - 7/97 Visiting Professor. Hong Kong University of Science and Technology, Department of Information and Systems Management. Also 7/95 - 12/95.  
8/91 - 8/92: Assistant Director. International Center for Telecommunications Management. College of Business Administration, University of Nebraska at Omaha. Research Associate, 8/89 - 8/91.

## AWARDS

2015 Best paper award, International Studies Association International Communications section, for “Are we in a digital cold war?”

2014-15 Laura and L. Douglas Meredith Professor of Teaching Excellence award, Syracuse University

2013 Honorable mention, Best research paper, 2013 iConference for “Buying Numbers.”

2010 Best Paper award, Korean Journal of Policy Studies for “ICANN, Inc.: Accountability and Participation in the Governance of Critical Internet Resources.”

2009 International Telecommunications Education and Research Association (ITERA) Outstanding Research Award

*Ruling the Root* nominated for Donald McGannon award, best book in Communications, 2002