

## Curriculum Vitae

**DR. MILTON L. MUELLER**  
School of Public Policy  
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### CURRENT POSITION

Professor, School of Public Policy, Georgia Institute of Technology (2015–present)

Director, [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, 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.

#### *Refereed Journal Articles*

Milton L. Mueller and Farzaneh Badiei, "Requiem for a Dream: On Advancing Human Rights via Internet Architecture," *Policy and Internet*, 11(1), (March 2019),

Milton L. Mueller and Karl Grindal, "Data flows and the digital economy: information as a mobile factor of production" *Digital Policy, Regulation and Governance* 21 (1), (January 2019), 71–87.

- Milton L Mueller, Karl Grindal, Brenden Kuerbis, Farzaneh Badiei, "Cyber Attribution: Can a New Institution Achieve Transnational Credibility?" *Cyber Defense Review*, April 30, 2019
- Milton L 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 L Mueller. Internet routing registries, data governance, and security. *Journal of Cyber Policy* 2 (1). (March 2017).
- Milton L Mueller, Detaching Internet governance from the state: Globalizing the IANA. *Georgetown Journal of International Affairs* (October 20, 2014).
- Andreas Kuehn and Milton L Mueller, Analyzing Bug Bounty Programs: An Institutional Perspective on the Economics of Software Vulnerabilities, TPRC42, Arlington, VA. (September 12, 2014).
- Milton L 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 L 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 L 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).
- Milton L 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.
- 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 L. 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 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 L. Mueller, "Technology and Institutional Innovation: Internet Domain Names." *International Journal of Communications Law and Policy*, Issue 5, Article 1 (2000).
- Milton L. 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 L. 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 L. Mueller, "ICANN and Internet Governance: Sorting through the debris of self-regulation." *Info* 1 (6), 477-500, (December 1999).
- Milton L. Mueller, "Digital Convergence and its Consequences," *Javnost/The Public* 6, 3, 11-28 (1999).
- Milton L. Mueller, "Universal Service Policies as Wealth Redistribution," *Government Information Quarterly*, 16(4), 353-358 (1999).

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

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

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

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

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

### *Book Chapters*

Milton L Mueller and Farzaneh Badii: "Inventing Internet governance: The historical trajectory of the phenomenon and the field," in press, Chapter 2 in L. DeNardis, D. Cogburn et al, eds., *Researching Internet Governance (MIT Press) (2020)*

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

Andreas Kuehn and Milton L 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).

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

Peter Cowhey and Milton L 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, "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 L 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, "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 L 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 L 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 L 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).

### *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.

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

### *Edited Collections*

Editor with Farzaneh Badieli: Special issue on Digital Trade vs Cyber Nationalism, *Digital Policy, Regulation and Governance*, 21(1) (January 2019)

Editor with Farzaneh Badieli: Special Issue on Cybersecurity and Internet governance, *Digital Policy, Regulation and Governance* 19(6) (January 2017)

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

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

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

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 \(ICG\)](#), ICANN
- 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