# BRENDEN KUERBIS

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## TEACHING/RESEARCH INTERESTS

Dr. Brenden Kuerbis currently co-instructs the Cybersecurity Practicum (PUBP 6727) and has taught Introduction to Information Security Policies (PUBP 6725). His research generally focuses on the political economy and the intersection of cybersecurity concerns with forms of Internet governance.

## PROFESSIONAL PREPARATION

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|---|---|---|
| University of Colorado, Boulder | International Affairs | B.A., 1992 |
| Daniels School of Business, University of Denver | General Management | M.B.A., 2000 |
| Daniels School of Business, University of Denver | Information Technology | M.S., 2002 |
| School of Information Studies, Syracuse University | Information Science & Technology | Ph.D., 2011 |

## APPOINTMENTS

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|---|---|
| 2021- | *Executive Director,* Online Masters in Cybersecurity, Georgia Institute of Technology, Atlanta, Georgia |
| 2015- | *Research Scientist II* at School of Public Policy, Georgia Institute of Technology, Atlanta, Georgia |
| 2011-2015 | *Postdoctoral Researcher and Research Consultant* at School of Information Studies, Syracuse University, Syracuse, New York |
| 2011-2012 | *Postdoctoral Fellow* in Internet Security Governance, Citizen Lab, Munk School of Global Affairs, University of Toronto, Ontario |
| 2006-2011 | *Research Assistant* at Syracuse University School of Information Studies, Syracuse, New York |

## SELECTED PUBLICATIONS AND OTHER WORKS

Kuerbis, B. (2025). Data enclosure in generative AI: exclusivity, governance and market competition. *Journal of Cyber Policy*, 1–19.

Han, S., & Kuerbis, B. (2025). From Fukushima to Zaporizhzhia: Analyzing disinformation in nuclear emergencies. *Media, War & Conflict*, 0(0).

Han, S., & Kuerbis, B. (2025). *FROM BLACK TO WHITE: DISSECTING PROPGAGNDA IN NUCLEAR EMERGENCIES, FINDING AI-ENABLED DISINFORMATION*. AoIR Selected Papers of Internet Research.

Kuerbis, B., & Mueller, M. (2023). Exploring the role of data enclosure in the digital political economy. *Telecommunications Policy*, *47*(8).

Kuerbis, B. and Mueller, M. (2022, Jun). *Exploring role of data enclosure in the digital political economy*. 21st Workshop on the Economics of Information Security (WEIS).

Kuerbis, B. and Mueller, M. (2021, Jun 3-4). *Making Data Private - and Excludable: A new approach to understanding the role of data enclosure in the digital political economy.* Privacy Law Scholars Conference.

Kuerbis, B. (2021). *Exploring the Privacy Trade-Offs and Industry Impacts of DNS Over HTTPS.* 48th Research Conference on Communication, Information and Internet Policy (TPRC).

Kuerbis, B. and Mueller, M. (2020). The hidden standards war: economic factors affecting IPv6 deployment. *Digital Policy, Regulation and Governance*, *22*(4), 333-361.

Mueller, M., Grindal, K., Kuerbis, B., & Badiei, F. (2019). Cyber Attribution: Can a New Institution Achieve Transnational Credibility? *The Cyber Defense Review*, *4*(1), 107–121.

Paillisse, J., Ferriol, M., Garcia, E., Latif, H., Piris, C., Lopez, A., Kuerbis, B.,… Cabellos, A. (2018). IPchain: Securing IP Prefix Allocation and Delegation with Blockchain. In *2018 IEEE International Conference on Blockchain* (pp. 1236–1243). IEEE.

Grindal, K., Kuerbis, B., Badiei, F., & Mueller, M. (2018). Is it Time to Institutionalize Cyber-Attribution? Internet Governance Project (IGP), Georgia Institute of Technology.

Kuerbis, B. & Badiei, F., (2017) Mapping the cybersecurity institutional landscape. *Digital Policy, Regulation and Governance* 19(6).

Kuerbis, B., Mehta, I., & Mueller, M. (2017). In Search of Amoral Registrars: Content Regulation and Domain Name Policy. Internet Governance Project (IGP), Georgia Institute of Technology.

Kuerbis, B. & Mueller, M., (2017) Internet routing registries (IRRs), data governance and security. *Journal of Cyber Policy* 2(1), 64–81.

Mueller, M., & Kuerbis, B. (2014). Roadmap for globalizing IANA: Four principles and a proposal for reform. Internet Governance Project, Syracuse University.

Mueller, M., Schmidt, A. & Kuerbis, B. (2013) Internet Security and Networked Governance in International Relations. *International Studies Review* 15(1), 86-104.

Mueller, M., Kuerbis, B  Hadi Asghari (2013) Dimensioning the Elephant: An Empirical Analysis of the IPv4 Number Market. In *info* 15 (6).

Kuerbis, B., Asghari, H., & Mueller, M. (2013) In the Eye of the Beholder: The Role of Needs-Based Assessment in IP Address Market Transfers. 41st Research Conference on Communication, Information and Internet Policy (TPRC).

Kuerbis, B. & Mueller, M. (2011) Negotiating a New Governance Hierarchy: An Analysis of the Conflicting Incentives to Secure Internet Routing. *Communications & Strategies* 81 (1), 125-142.

Kuerbis, B. & Mueller, M. (2011) Securing the Root. In *Opening Standards: The Global Politics of Interoperability*. MIT Press.

Kuerbis, B. (2011). *Securing critical Internet resources: Influencing Internet governance through social networks and delegation*. Syracuse University. Unpublished dissertation.

Mueller, M. & Kuerbis, B. (2008) Regional Address Registries, Governance and Internet Freedom. Internet Governance Project, Syracuse University.

Mueller, M., Kuerbis, B., & Pagé, C. (2007). Democratizing Global Communication? Global Civil Society and the Campaign for Communication Rights in the Information Society. *International Journal of Communication*, *1*.

Mueller, M., Kuerbis, B., & Pagé, C. (2005). Civil Society and communication information policy – mapping the WSIS Global Civil Society Network. In M. Kaldor & H. Anheier (Eds.), *Global Civil Society 2005/6* (pp. 252-254). London: Sage.

Garcia-Murillo, M., & Kuerbis, B. (2005). The effect of institutional constraints on the success of universal service policies: A comparison between Latin America and the World. *Telecommunications Policy*, *29*(9-10), 779-796.

## Selected synergistic activities

Co-Investigator, "RESEARCH ON THE STATE OF DATA GOVERNANCE REGULATIONS, IMPLEMENTATION AND RISKS IN TANZANIA" supported by Tech & Media Convergency (TMC), Dar es Salaam, Tanzania

Co-organizer, Internet Governance Project/Georgia Tech OMS Cybersecurity Promotional Booth at Internet Governance Forum at Oslo, Norway, June 2025.

Invited Program Chair, "Technical Meeting on Public Communication in Emergencies: Tackling Misinformation and Retaining Public Trust in Disruptive Information Environments", at IAEA Vienna, Austria, June 2025. (declined)

Invited Participant, IGP Annual Workshop: "Does AI Need Governance?" at Georgia Institute of Technology, October 2024.

Instructor of Record, Introduction to Information Security Policies (PUBP-6725), Saudi Aramco Cohort, taught in Dammam, Saudi Arabia, Fall 2024.

Invited Panelist, "Panel on mitigating disinformation in emergencies", Messaging, Malware and Mobile Anti-Abuse Working Group ($M^3$AAWG) at Vienna, Austria, May 2024.

Participant, OMS Programs Finance Committee, 2023-.

Invited Participant, Consultancy Meeting on the Implications of AI-driven Disinformation for the Effectiveness of Public Protective Guidance in Emergency Situations, International Atomic Energy Agency, Vienna, Austria, Sep 2023.

Invited Participant, Consultancy Meeting on Risks Associated with AI-produced Disruptive Messaging in Hampering Public Acceptance of Protective Actions in an Emergency, International Atomic Energy Agency, Vienna, Austria, May 2023.

Principal Investigator, Examining the Threat of AI-Enabled Disinformation During Nuclear Emergencies: Developing An Appropriate Policy Response, Coordinated Research Project, International Atomic Energy Agency, Feb 2023.

Instructor of Record, Cybersecurity Practicum (PUBP-6727), taught 3 times per year since Summer 2022, most recently in Fall 2025.

Participant, OMS Steering Committee, 2022-.

Co-organizer, Internet Governance Project's 7th Annual Conference, "From Internet Governance to Digital Political Economy," The Hague, Netherlands, Oct 2022.

Invited Participant, Research Roundtable on "The Data-Competition Interface", Program on Economics & Privacy, George Mason University, Mar 2022.

Instructor of Record, Introduction to Information Security Policies (PUBP-6725), since Summer 2019, most recently taught Spring 2022.

Co-organizer, *"US-China Platform Governance Conference"* at Georgia Institute of Technology, Jun 2021.

Co-organizer, "*Workshop on DNS over HTTPS (DoH): Human Rights, Markets, and Governance*" at Internet Governance Forum, Nov 2020.

Co-organizer, *"Workshop on building a transnational cyber-attribution institution"* at Georgia Institute of Technology, May 2020.

Invited Presenter, *"Get Ready for Mixed World: Economic Factors Affecting IPv6 Deployment"* at Réseaux IP Européens (RIPE) 78, May 2019.

Invited Presenter, *"Economic Factors Affecting IPv6 Deployment"* at Federal IPv6 F2F Meeting hosted by National Science Foundation, May 2019.

Invited Presenter, *"Economic Factors Affecting IPv6 Deployment"* at American Registry for Internet Numbers (ARIN) 43, April 2019.

Co-organizer, *"Workshop on building a transnational cyber-attribution institution"* at University of Toronto, March 2019.

Invited Presenter, "*Cybersecurity and Cyberconflict: State of the Art Research Conference,*" hosted by the Center for Security Studies, ETH-Zürich, September 2018.

Co-organizer and Invited Panelist, *"Who Did it? Why we need an International Cyber Attribution Organization to address nation-state attacks in cyberspace"* at RightsCon, May 2018.

Appointed member, ICANN Nominating Committee (Nomcom) Review Working Party, liaising with independent consulting company to examine procedures and develop recommendations for board member selection, 2017-18.

Invited Participant, "*Who Governs, States or Stakeholders? Cybersecurity and Internet Governance*". Workshop held at Georgia Institute of Technology, May 2017.

Invited Presenter, *"Internet Routing Registries, Data Governance and Security"* at Réseaux IP Européens (RIPE) 72, May 2016.

Researcher, developed and conducted interview protocol(s) with domestic, global network operators at RIPE, ARIN, NANOG examining incentives to perform route filtering, funded by NSF Secure and Trustworthy Computing (SaTC) program, 2015-16.

Researcher, analyzed DNS and IP security standards and policies, IPv4 address transfer market data. Supported in part by Verisign, Inc., Kalorama Group, LLC, 2014-15.

Invited Speaker, "ICANN, the RIRs and multi-stakeholder governance" at *The Institutionalization of Global Internet Governance: Multistakeholderism, Multilateralism and Beyond.* Hosted by Swiss Network for International Studies and World Trade Institute, Dec 2013.

Invited Participant, at *Cyber Dialogue Conference.* Hosted by Canada Centre for Global Security Studies at Munk School of Global Affairs, University of Toronto, Mar 2012, 13.

Invited Subject Matter Expert, Report on "*IT Sector Risk Management Strategy for DNS*". Department of Homeland Security, 2011.

Panelist, "*Routing and Resource Certification*" workshop co-organized by IGP and LACNIC/Number Resource Organization at U.N. Internet Governance Forum, Sep 2010.

Researcher, developed and conducted interview protocol(s) with domestic, global network operators at IETF, ICANN meetings examining DNSSEC and RPKI, 2006-10.

Commentator, with numerous published articles featured in Institute for Georgia Tech's Information Security & Privacy (IISP) Source Port, Circle ID, Forbes, Washington Internet Daily, 2006-18.

Product Developer, Level 3 Communications, worked with customers and internal operations developing business, system requirements for colocation products, 2000-01.

## INVITED REVIEWER
Journal of Information Policy, European Journal of Public Policy, Journal of Cyber Policy, International Studies Quarterly, Politics and Governance, Cambridge Review of International Affairs, Policy & Internet, Journal of Cybersecurity, Media and Communication

## REFERENCES
(manager) Milton Mueller, Professor, Georgia Institute of Technology

(direct reports) Blain Checkley, Madison Ades, Emad Abu Khousa, Creston Flemming - Instructional Associates for PUBP 6727, Georgia Institute of Technology; Beau Sommerville - Instructional Associate for PUBP 6725, Georgia Institute of Technology

(collaborators) Dr Karim Farhat, Executive Director, Internet Governance Project; Dr Farzaneh Badiei, Founder, Digital Medusa

(research sponsor) Nayana Jayarajan, Outreach Officer, International Atomic Energy Agency (IAEA); Alain Durand, Principal Technologist, Internet Corporation for Assigned Names and Numbers (ICANN)