

Current Position

2017—2019 University of Washington, Information School, Postdoctoral Research Associate

Past Positions

Summer, 2017 Leuphana University, Center for Digital Cultures, Fellow
Jan/Feb, 2017 University of Victoria, Visiting Scholar
2016—2017 Rutgers University, Digital Studies Fellow

Education

Doctor of Philosophy, Information Science

2010—2016 University of Toronto
Dissertation: An Archeology of Cryptography: Rewriting Plaintext, Encryption, and Ciphertext
Supervisors: Brian Cantwell Smith & Patrick Keilty

Master of Arts, Philosophy

2006—2007 University of Toronto

Master of Library and Information Science

2006—2007 University of Western Ontario

Bachelor of Arts (Honours with Distinction), Philosophy

2002—2005 University of Victoria

Publications

Monographs (1)

DuPont, Quinn. *Cryptocurrencies and Blockchains*. Digital Media and Society. Cambridge, UK: Polity Press (2018). 260 pp.

Peer Reviewed Journal Articles (10)

DuPont, Quinn. “The Cryptological Origins of Machine Translation, from al-Kindi to Weaver,” *Amodern*, 8 (2018). <http://amodern.net/article/cryptological-origins-machine-translation/>

Pedersen, Isabel and Quinn DuPont. “Tracking the Telepathic Sublime as a Phenomenon in a Digital Humanities Archive,” *Digital Humanities Quarterly*, 11 no. 4 (2017). <http://digitalhumanities.org/dhq/vol/11/4/000344/000344.html>

DuPont, Quinn. “Blockchain identities: Notational Technologies for Control and Management of Abstracted Entities,” *Metaphilosophy*, 48, no. 5 (2017).
<http://onlinelibrary.wiley.com/doi/10.1111/meta.12267/abstract>.

DuPont, Quinn, and Bradley Fidler. “Edge Cryptography and the Co-Development of Computer Networks and Cybersecurity.” *IEEE Annals of the History of Computing*, 38, no. 4 (2016).
<http://ieeexplore.ieee.org/document/7763734/>. [equal author contributions]

DuPont, Quinn, and Alana Cattapan. “Moving Forward, Looking Back: Taking Canadian Feminist Histories Online.” *Atlantis: Critical Studies in Gender, Culture, and Social Justice*, 37, no. 2 (2016). <http://journals.msvu.ca/index.php/atlas/article/view/225-237%20PDF>. [equal author contributions]

DuPont, Quinn, and Yuri Takhteyev. “Ordering Space: Alternative Views of ICT and Geography.” *First Monday* 21, no. 8 (July 23, 2016).
<http://firstmonday.org/ojs/index.php/fm/article/view/6724>.

DuPont, Quinn. “The Politics of Cryptography: Bitcoin and the Ordering Machines.” *The Journal of Peer Production* 1, no. 4 (2014). <http://peerproduction.net/issues/issue-4-value-and-currency/peer-reviewed-articles/the-politics-of-cryptography-bitcoin-and-the-ordering-machines>.

DuPont, Quinn. “Unlocking the Digital Crypt: Exploring a Framework for Cryptographic Reading and Writing.” *Scholarly and Research Communication* 5, no. 2 (2014): 1–7. <http://src-online.ca/index.php/src/article/view/157>.

Takhteyev, Yuri, and **Quinn DuPont.** “Retrocomputing as Preservation and Remix.” *Library Hi Tech* 31, no. 2 (2013): 355–70.
<http://www.emeraldinsight.com/doi/full/10.1108/07378831311329103>.

DuPont, Quinn. “Cracking the Agrippa Code: Creativity Without Destruction.” *Scholarly and Research Communication* 4, no. 13 (2013): 1–8. <http://src-online.ca/index.php/src/article/view/126/240>.

Journal Articles in Preparation (3)

DuPont, Quinn. “Origins of the Encrypted Information Society (1945-2013).”

DuPont, Quinn. “The Emergence of Ethical and Responsible Computer Security Research.”

DuPont, Quinn. “Ethical Research Practices for Cryptocurrencies and Blockchains.”

Book Chapters (4)

DuPont, Quinn. “Cryptographic Media.” In *Second International Handbook of Internet Research*. New York, NY: Springer (2018, in press).

DuPont, Quinn. “The Printing Press and Cryptography: Alberti and the Dawn of a Notational Epoch.” In *A Material History of Medieval and Early Modern Ciphers: Cryptography and the History of Literacy*. Material Readings in Early Modern Culture. New York, NY: Routledge (2017).

DuPont, Quinn. “Experiments in Governance: An ethnography of “The DAO,” a failed Decentralized Autonomous Organization.” In *Bitcoin and Beyond: The Challenges and Opportunities of Blockchains for Global Governance*. Routledge (2017).

DuPont, Quinn. “Otherness and Order.” In *Andrés Ramírez Gaviria: A Line, However Short, Has An Infinite Number Of Points*. Barcelona: Triton (2016).

Journal Special Issues (1)

Philosophy and Technology special issue on “Financial Technologies” guest co-editor (with Mark Coeckelbergh and Wessel Reijers) (2017).

Issue introduction:

DuPont, Quinn, Mark Coeckelbergh, and Wessel Reijers. “Towards a Philosophy of Financial Technologies.” *Philosophy and Technology*.
<https://link.springer.com/article/10.1007/s13347-017-0261-7>. [equal author contributions] (2017).

Digital Projects (4)

Cryptocurrency and Blockchain Academic Bibliography and Archive.

Comprehensive bibliography and archive of cryptocurrency and blockchain academic literature.

Alice and Bob: A History of the World's Most Famous Cryptographic Couple (2017).

[<http://cryptocouple.com>]

Multimedia website detailing history of Alice and Bob in cryptology literature. With Alana Cattapan. Featured on *Boing Boing*.

“Cryptographic Identities” (2016) *Fabric of Digital Life*. [fabricofdigitallife.com]

Curator of digital humanities archive collection.

Cracking the Agrippa Code (2012). [<http://crackingagrippa.net>]

Digital humanities investigation of Gibson’s *Agrippa* e-poem. National and international press, including *CBC*, *Ars Technica*, and *Boing Boing*.

Book Reviews (4)

DuPont, Quinn. “[Review] Golumbia, David, *The Politics of Bitcoin: Software as Right-Wing Extremism*.” *Journal of Cultural Economy* (May 8, 2017).
<http://www.tandfonline.com/doi/full/10.1080/17530350.2017.1322997>.

DuPont, Quinn. “Ubiquitous Computing, Intermittent Critique [Review of Ekman, Bolter, et al. (eds). *Ubiquitous Computing, Complexity and Culture*.]” *Boundary 2 Online*, February 8, 2017.
<http://www.boundary2.org/2017/02/ubiquitous-computing-intermittent-critique/>.

DuPont, Quinn. “[Review] Soll, Jacob, *The Reckoning: Financial Accountability and the Rise and Fall of Nations*.” *Journal of Cultural Economy*, September 22, 2015.
<http://www.tandfonline.com/eprint/3gkjbd7ReasuIYADpz/full>.

DuPont, Quinn. “[Review] Philip P. Arnold, (Ed.), *Traditions of Systems Theory: Major Figures and Contemporary Developments*.” *Philosophy in Review* 34, no. 5 (2014): 199–201.
<https://journals.uvic.ca/index.php/pir/article/view/13186/4139>.

Other Articles (6)

DuPont, Quinn and Alana Cattapan. “Engendering Alice and Bob.” *Backchannels: Society for Social Study of Science*, October 9, 2017.

http://www.4sonline.org/blog/post/engendering_alice_and_bob.

DuPont, Quinn. “Liquid Diet: Is Soylent Really the Cyberfeminism Food of Our Dreams?” *This Magazine*, June 2016.

DuPont, Quinn. “Opinion: Why Apple Isn’t Acting in the Public’s Interest.” *Christian Science Monitor*, February 22, 2016. <http://www.csmonitor.com/World/Passcode/Passcode-Voices/2016/0222/Opinion-Why-Apple-isn-t-acting-in-the-public-s-interest>.

DuPont, Quinn. “Opinion: It’s Time to Rethink Polarizing Encryption Debate.” *Christian Science Monitor*, December 2, 2015. <http://www.csmonitor.com/World/Passcode/Passcode-Voices/2015/1202/Opinion-It-s-time-to-rethink-polarizing-encryption-debate>.

DuPont, Quinn, and Bill Maurer. “Ledgers and Law in the Blockchain.” *King’s Review*, June 23, 2015. <http://kingsreview.co.uk/magazine/blog/2015/06/23/ledgers-and-law-in-the-blockchain/>. [equal author contributions]

DuPont, Quinn. “Kryptographie Für Alle: Zur Snowden-Lektion Über Technologische Emanzipation Im Überwachungsstaat.” *Berliner Gazette*, July 1, 2014. <http://berlingazette.de/kryptographie-post-snowden/>.

Presentations

Peer Reviewed Conference Presentations (20)

DuPont, Quinn. “Hacking Culture and the Emergence of Responsible Computer Security Research” Peer reviewed presentation at the International Communications Association (ICA), Prague, 2018.

DuPont, Quinn. “Alice and Bob: A History of Cryptography’s Most Famous Couple” Peer reviewed presentation at the Special Interest Group for Computers, Information and Society (SIGCIS), Philadelphia, 2017.

DuPont, Quinn. “Assessing the New Information Society: A typology of encrypted information flows and their human risks” Peer reviewed presentation at the Society for the Social Study of Science (4S), Boston, 2017.

DuPont, Quinn and Alana Cattapan. “Alice and Bob: A Critical History.” Peer reviewed presentation at the Canadian Society for Digital Humanities (CSDH/SCHN), Toronto, 2017. [equal author contributions]

DuPont, Quinn. “Translation and Transcription: The Cryptologic Origins of Machine Translation.” Peer reviewed presentation at the Canadian Society for Digital Humanities (CSDH/SCHN), Calgary, AB, 2016.

DuPont, Quinn. “Cybersecurity: Genealogy and Practices [Panel Chair & Discussant].” Peer reviewed presentation at the Special Interest Group for Computers, Information and Society (SIGCIS), Singapore, 2016.

- DuPont, Quinn,** and Bradley Fidler. “The Co-Development of Early Computer Network and Cryptography Infrastructure.” Peer reviewed presentation at the Society for the History of Technology (SHOT), Albuquerque, NM, 2015. [equal author contributions]
- DuPont, Quinn.** “Exploring Cryptography: Issues for Digital Humanities.” Peer reviewed presentation at Joint CSDH/SCHN & ACH Digital Humanities Conference, University of Ottawa, Ottawa, ON, 2015.
- DuPont, Quinn.** “Digital Memory and Objects.” Peer reviewed presentation at Humanities, Arts, Science, and Technology (HASTAC), Michigan State University, East Lansing, MI, 2015.
- DuPont, Quinn.** “Simple Non-Secret Cryptography for the Humanities [Demo].” Peer reviewed presentation at The Humanities and Technology Camp (THATCamp), New York, NY, 2015.
- DuPont, Quinn.** “Moving Forward, Looking Back: Taking Canadian Feminist Histories Online.” Peer reviewed presentation at Sustaining Partnerships to Transform Scholarly Production, Whistler, BC, 2015.
- DuPont, Quinn,** and Yuri Takhteyev. “From Telephonoscope to Cyberspace to Computable Space.” Peer reviewed presentation at the Society for the Social Study of Science (4S), San Diego, CA, 2013. [equal author contributions]
- DuPont, Quinn,** and Yuri Takhteyev. “From Flux to Bits: Socio-Technical Analysis of Old Computing Systems.” Peer reviewed presentation at the Society for the Social Study of Science (4S), San Diego, CA, 2013. [equal author contributions]
- DuPont, Quinn.** “Unlocking the Digital Crypt: Exploring a Framework for Cryptographic Reading and Writing.” Peer reviewed presentation at Research Foundations for Understanding Books and Reading in the Digital Age: E/Merging Reading, Writing, and Research Practices, New York, NY, 2013.
- DuPont, Quinn.** “Round-Trip Encryption: How a Hacker Contest Cracked Agrippa.” Peer reviewed presentation at Humanities, Arts, Science, and Technology Advanced Collaboratory (HASTAC), Toronto, 2013.
- DuPont, Quinn.** “Retrocomputing as Preservation and Remix.” Peer reviewed presentation at iConference, Fort Worth, TX, 2013. [Honorable Mention, Best Paper Award]
- DuPont, Quinn.** “Cracking the Agrippa Code: Creativity without Destruction.” Peer reviewed presentation at Research Foundations for Understanding Books and Reading in the Digital Age: E/Merging Reading, Writing, and Research Practices, Havana, Cuba, 2012.
- DuPont, Quinn.** “Source Control: Competing and Complimentary Histories.” Peer reviewed presentation at the Society for the Social Study of Science (4S), Cleveland, OH, 2011.
- DuPont, Quinn.** “Email: A History of Syntax.” Peer reviewed presentation at Connections 2011: Discourse & Illumination, Milwaukee, MI, 2011.
- DuPont, Quinn.** “Email: A History of Syntax.” Peer reviewed presentation at Boundaries, Frontiers, and Gatekeepers, Toronto, ON, 2011.

Invited Conference Presentations (17)

- DuPont, Quinn.** “Origins of the Encrypted Information Society (1945-2013).” Invited presentation at History, Philosophy, and Sociology of Science Workshop, University of Chicago, Chicago, IL, 2018.
- DuPont, Quinn.** “Developing a Cryptocurrencies and Blockchains Research Agenda.” Invited presentation at ISACA, University of Washington, Seattle, WA, 2018.
- DuPont, Quinn.** “Cryptocurrencies and Blockchains.” Invited presentation at iSchool, University of British Columbia, Vancouver, BC, 2018.
- DuPont, Quinn.** Invited participation at IEEE Initiative Incubator Workshop on Blockchain, George Mason University, Arlington, VA, 2017.
- DuPont, Quinn.** Invited lecture and panel discussion at Using Blockchain to Secure the Supply Chain: Distributed Ledgers and Logistics for Critical Goods, University of California, Irvine, CA, 2017.
- DuPont, Quinn.** “Algorithmic Governance: A Study of Blockchain Decentralized Autonomous Organizations.” Invited presentation at Leuphana University, Lüneburg, Germany, 2017.
- DuPont, Quinn.** “Alice and Bob: A Critical History of Cryptography’s Most Famous Couple.” Invited presentation at ETCL Brown Bag Lecture Series, Victoria, BC, 2017.
- DuPont, Quinn** and Bradley Fidler. “Workshop on New Connections for Digital Humanities and Cybersecurity” at Arizona State University, Tempe, AZ, 2017.
- DuPont, Quinn** and Bradley Fidler. “The Encrypted Information Society: Rethinking Social Theory in an Age of Cryptology.” Invited presentation at Nexus Lab, Arizona State University, Tempe, AZ, 2017.
- DuPont, Quinn.** “Contextual Privacy and the Control of Information: An Account of the Socio-Technical Commitments of Blockchain Technologies.” Invited presentation at Public Lectures in Ethics and Privacy, ADAPT Center, Trinity University, Dublin, Ireland, 2016.
- DuPont, Quinn.** “The Visual Culture of Computing: A Case Study of ‘Alice and Bob.’” Invited presentation at UCD Centre for Innovation, Technology & Organisation, University College Dublin, Dublin, Ireland, 2016.
- DuPont, Quinn.** Invited participation at Workshop on Privacy, Data Sharing, and Distributed Ledgers, Intel, Hillsboro, OR, 2016.
- DuPont, Quinn.** “Angels of the Internet: The Media Landscape since Bitcoin.” Invited presentation at Media of Exchange: A Symposium on Cryptographic Currencies, NYU, New York, NY, 2015.
- DuPont, Quinn.** “A Rational Economy? From Bitcoin to Ubiquitous Cryptography.” Invited presentation at the Information Management Public Lecture Series, Dalhousie University, Halifax, NS, 2014.
- DuPont, Quinn.** “From Order to Control: How Cryptography Functions in Bitcoin.” Invited presentation at Moneylab: Coining Alternatives, Amsterdam, Netherlands, 2014.
<http://networkcultures.org/wpmu/moneylab/>.

DuPont, Quinn. “Controlling Production: The History of Source Code Control Systems.” Invited presentation at the FOSS Brownbag seminar at University of Toronto, Toronto, ON, 2011.

DuPont, Quinn. “Networked Modes of Production: Source Code Control as the Post-Fordist Factory.” Invited presentation at UCLA, Los Angeles, CA, 2011.

Media Appearances (1)

DuPont, Quinn. (2012). William Gibson Book. *As It Happens* [Radio episode]. Toronto, ON: Canadian Broadcasting Corporation.

Media Mentions: *Ars Technica*, *The Verge*, *Boing Boing* (2), *Yahoo News*, *Huffington Post*

Conference Planning (1)

“New Connections for Digital Humanities and Cybersecurity” conference at Arizona State University, February 9, 2017. Co-organized with Bradley Fidler (UCLA) and Jacqueline Wernimont (ASU).

Research Funding & Awards

Computer History Museum Travel Award (SIGCIS), 2017 (\$750)
Co-Organizer, “Workshop on New Connections for Digital Humanities and Cybersecurity”
Institute of Humanities Research and the Global Security Initiative, Arizona State University (2017) (\$7,000)
Digital Cultures Research Lab Fellow, Center for Digital Cultures, Leuphana University (2017) (€5,000)
Digital Studies Fellowship, Rutgers University, 2016–2017 (\$5,000)
Michael S. Mahoney Travel Award (SIGCIS), 2015 & 2016 (\$700)
Litwin Books Award for Ongoing Doctoral Dissertation Research in the Philosophy of Information, 2015 (\$1000)
SSHRC Doctoral Fellowship, University of Toronto, 2012—2014 (\$40,000)
SSHRC Canadian Graduate Scholarship, University of Toronto, 2006—2007 (\$17,500)
Enhanced MITACS Accelerate PhD Fellowship, IBM and University of Toronto, 2011—2012 (\$40,000)
Ontario Graduate Scholarship, University of Toronto, 2011—2012 (\$15,000)
Ontario Graduate Scholarship, University of Toronto, 2010—2011 (\$15,000)
Ontario Graduate Scholarship, University of Western Ontario, 2006—2007 (\$15,000)
R&D Core Services Q2 2009 Excellence Award, IBM Algorithmics, 2009 (\$100)
Digital Humanities SSHRC Summer Institute Scholarship, University of Victoria, 2013 (\$1000)
Digital Humanities SSHRC Summer Institute Scholarship, University of Victoria, 2009 (\$1000)
Digital Humanities SSHRC Summer Institute Scholarship, University of Victoria, 2008 (\$1000)
Digital Humanities SSHRC Summer Institute Scholarship, University of Victoria, 2007 (\$1000)
External Funding Award, University of Toronto, 2013—2014 (\$2000)
External Funding Award, University of Toronto, 2012—2013 (\$2000)
External Funding Award, University of Toronto, 2011—2012 (\$2000)
External Funding Award, University of Toronto, 2010—2011 (\$2000)
External Funding Award, University of Toronto, 2006—2007 (\$1000)

Teaching Experience

Lecturer

“User Experience” (MGMT5004/5104)

Dalhousie University, School of Information Management, Center For Advanced Management Education (2014 & 2015).

Redesigned course on UX and user testing, for professional and mid-career graduate students.

“Information Management Systems” (INFO5590)

Dalhousie University, School of Information Management, (2014).

Redesigned course on system evaluation and management, for MLIS graduate students.

Guest Lecture (3)

University of Toronto, University of Washington, Temple University

Course Development

“Usability and Design for Digital Studies”

Asynchronous Online/Sakai. Rutgers University (2017).

Designed online course on UX and user testing, for Digital Studies undergraduate students.

“Ethical and social impacts of blockchain technologies”

eLearning module. Institute of Electrical and Electronics Engineers (IEEE) (2017-)

Designed online course (5 modules).

Teaching Assistant

“Project Management” (INF2040)

University of Toronto, Faculty of Information, (2015).

“Information Systems, Services and Design” (INF1003)

University of Toronto, Faculty of Information, (2015).

“Representation, Organization, Classification, and Meaning-Making” (INF1002)

University of Toronto, Faculty of Information, (2011, 2012, & 2013).

“Foundations in Library and Information Science” (INF1300)

University of Toronto, Faculty of Information, (2011).

“Early Medieval Philosophy” (PHL205)

University of Toronto, Department of Philosophy, (2006).

“Ancient Philosophy” (PHL200)

University of Toronto, Department of Philosophy, (2006).

Employment

2018— *Chief Governance Officer*
Qubit Protocol

2018— *Advisor*
SHOP

- 2018— *Partner*
Rothbadi & Co.
- 2016—2017 *Researcher (Contract)*
Centre for Innovation, Technology & Organisation (University College Dublin)
- 2015—2016, *Usability Consultant*
Oban Digital (UK)
- 2016 *Researcher (Contract)*
Decimal Lab (University of Ontario Institute of Technology)
- 2012—2013, *Digital librarian (Contract)*
Munk Center (University of Toronto)
- 2007—2011, *Senior Information Specialist*
IBM Algorithmics

Service & Participation

Blockchain Technical Standards Development

- Standards Council of Canada (SCC) - Blockchain & DLT (TC307) (2016-)
- International Standards Organization (ISO) - Study Group on Blockchain & DLT: Security and Privacy (TC307 SG03) (2017-)
- International Standards Organization (ISO) - Study Group on Blockchain & DLT: Smart Contracts (TC307 SG05) (2017-)

Technical Committees

- Institute of Electrical and Electronics Engineers (IEEE) – (Education Committee Chair) Blockchain Initiative (BCI) (2018-)
- Institute of Electrical and Electronics Engineers (IEEE) - Society on Social Implications of Technology (SSIT) (2017-)
- Standards Council of Canada (SCC) - Canadian Young Professionals Program - Advisory Panel (2017)

Academic Associations

- Future of Money Research Collaborative (2018-)
- Society for the Social Study of Science (4S) (2012-2015, 2017-)
- Special Interest Group: Computers in Society (SIGCIS) (2014, 2016-)
- Canadian Society for Digital Humanities (CSDH) (2014-)
- The Association for Computers and the Humanities (ACH) (2014-)
- Society for the History of Technology (SHOT) (2014, 2016)
- Humanities, Arts, Science, and Technology Alliance and Collaboratory (HASTAC) (2012, 2015)
- Critical Code Studies Working Group (2014, 2016)
- iConference (2012-2013)
- Instituting New Knowledge Environments (INKE) (2012-2013, 2015)
- University of Toronto Doctoral Student Association (2011-2013)

Reviewer (12)

Journal of Cultural Economy (3)

Journal of Peer Production (2)

Internet Histories (1)

Journal of Business Ethics (1)

boundary 2 online (1)

Global Networks (1)

Techné: Research in Philosophy and Technology (1)

Routledge (1)

University of Minnesota Press (1)

Volunteer

empyre listserv co-ordinator (October, 2014)

Free and Open Source Software Brown Bag Conference Series (2011—2012)

Yonge Street Mission (2007—2010)