

Henry Kim

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Employment

1999 – Present	Schulich School of Business, York University • Senior Advisor to MBAN and MMAI programs: 2026-2028 • Area Coordinator: 2009, 2023-2025 • Director, blockchain.lab: 2015-present • Associate Professor: 2004 -present • Assistant Professor: 1999-2004
2026 – 2028	Filene Research Institute • Fellow to <i>All Things Payments</i> Center of Excellence
2018 – 2020	Novera Capital, Toronto, Ontario Canada • Senior Research Fellow
2018 – 2020	Insolar, Offices primarily in Europe • Senior Research Fellow
2018 – 2019	Blockmine Development, Toronto, Ontario Canada • Director
2015	Indigo Canada, Toronto, Ontario Canada • Visiting Research Scientist
2008	IBM Centre for Advanced Studies, Markham, Ontario Canada • Visiting Faculty Fellow
1999	BT Labs, Martlesham Heath, UK • Research Fellow
1998 – 1999	Talus (now part of JDA Software), Mountain View, CA USA • Management Consultant
1995 – 1996	BHP Research Laboratories, Melbourne, Australia • Visiting Research Engineer
1991 – 1992	Hewlett Packard Canada, Mississauga, Ontario Canada • Systems Engineer & Technical Consultant

Education

1999	Ph.D., Industrial Engineering, University of Toronto • “Representing and Reasoning about Quality using Enterprise Models,” Supervisor: Mark S. Fox
1991	M.Eng., Industrial and Operations Engineering, University of Michigan, Ann Arbor
1989	B.A.Sc., Industrial Engineering, University of Toronto

Grants & Awards

2026	Supervisor for Chien-Chih Chen and Oleksandr Hrabar with Aisimpro as industrial partner, “Hybrid Blockchain Traceability for Critical Minerals: Aisimpro Pilot Project” <i>MITACS Accelerate</i> (\$75,000)
2021 - 2024	Principal Investigator with Joann Jasiak (with Investigators: I. Henriques, S. Liaskos, D. Oppong-Tawiah, A. Podhorsky, P. Puri) , “Digital Currencies.” <i>York University Catalyzing Interdisciplinary Research Clusters Initiative</i> (\$525,000)
2023 - 2026	Co-supervisor for Daniela Balutel (Co-Supervisor: Joann Jasiak) with Bank of Canada as industrial partner, “Past and current Bitcoin adopters in Canada.” <i>MITACS Accelerate Postdoctoral Fellowship</i> (\$225,000)
2023 - 2025	Principal Investigator, <i>York Research Support Grant</i> (\$15,000)
2020	Co-investigator with Grain Discovery and Abhishek Pandey, “How Grain Discovery’s Blockchain Solution Can Enable Flexibility in the Agricultural Supply Chain in the Age of COVID-19,” <i>MITACS Business Strategy Internship</i> (\$10,000)
2019	Principal Investigator with Accu-Label , “Meeting Changing Customer Requirements in Food and Agriculture through application of blockchain technology,” <i>Ontario Centre of Excellence Voucher for Innovation and Productivity I Research Grant – OCE VIP I</i> (\$45,000)
2019	Principal Investigator with Sigma Analysis , “Exploring Application of Blockchain Technologies for Managed Investing,” <i>Ontario Centre of Excellence Voucher for Innovation and Productivity I Research Grant – OCE VIP I</i> (\$49,961)
2018 - 2019	Collaborator with Getu Hailu (Guelph) and Henry An (Alberta), “Trade and Competitiveness: Productivity, Innovation, and Product Differentiation”, Ontario Ministry of Agriculture, Food, and Rural Affairs – Research Program (\$151,600)
2018	Principal Investigator with Hero Engineering and Toronto and Region Conservation Authority , “Blockchain Enabled Smart Microgrids”, <i>Ontario Centre of Excellence Voucher for Innovation and Productivity I Research Grant – OCE VIP I</i> (\$45,246)
2018	Principal Investigator with Aion Networks , “Applying Deep Neural Networks for Blockchain Interoperability I”, <i>Ontario Centre of Excellence Voucher for Innovation and Productivity I Research Grant – OCE VIP I</i> (\$45,000)
2018	Principal Investigator with Aion Networks , “Applying Deep Neural Networks for Blockchain Interoperability II”, <i>National Research Council Industrial Research Assistance Program – NRC IRAP</i> (\$20,200)
2017 – 2018	Recipient, <i>Schulich School of Business Fellowship for Research</i> (\$12,500)
2016 – 2017	Principal Investigator with Opterus , “Ontology-Based Reference Model for Financial Business Processes in Retail for Opterus”, <i>Natural Sciences and Engineering Research Council of Canada – Engage Grant</i> (\$52,234)
2015 – 2016	Principal Investigator with Indigo , “Developing a Social and Trust-Based Book Recommender System for Indigo”, <i>Natural Sciences and Engineering Research Council of Canada – Engage Grant</i> (\$52,900)
2015 – 2016	Principal Investigator with Sphere3D , “Enabling Data Management for Big Data Business Analytics for Sphere3D using Context-Aware Ontologies”, <i>Natural Sciences and Engineering Research Council of Canada – Engage Grant</i> (\$52,800)

2015 – 2016	Co-Applicant with Charles Shier, “Ontology formalizations of Marketing Principles and Exploring Blockchain Research Opportunities”, <i>Natural Sciences and Engineering Research Council of Canada</i> – Undergraduate Student Research Award (\$9,000)
2015	Co-Applicant with Ilan Kogan, “Ontology formalizations of Marketing Principles and Exploring Blockchain Research Opportunities”, <i>Natural Sciences and Engineering Research Council of Canada</i> – Undergraduate Student Research Award (\$4,500)
2014 – 2015	Principal Investigator with QLogitek , “Leveraging Supply Chain Automation Expertise to Develop Supply Chain Analytics Capabilities”, <i>Natural Sciences and Engineering Research Council of Canada</i> – Engage Grant (\$53,100)
2009 – 2015	Principal Investigator, “Using ontologies and social network analysis for web 2.0 enabled knowledge sharing”, <i>Natural Sciences and Engineering Research Council of Canada</i> – Discovery Grant (\$95,000)
2012	Co-Applicant with Jackie Cheung, “Applications of a Computational Ontology for Distance for the Semantic Web”, <i>Natural Sciences and Engineering Research Council of Canada</i> – Undergraduate Student Research Award (\$4,500)
2004 – 2008	Principal Investigator, “Enabling Knowledge Sharing over the Semantic Web using Ontologies and Network Analysis”, <i>Natural Sciences and Engineering Research Council of Canada</i> – Discovery Grant (\$53,925)
2008 – 2010	Co-Applicant with Hossam Ali-Hassan, “Corporate Social Computing”, IBM – PhD Fellowship Award (\$43,432)
2007	Principal Investigator, “IT Productivity and other Research Issues in Service Science”, IBM – Faculty Award (\$20,150)
2000 – 2004	Principal Investigator, “Enabling Integrated Decision Making: Business Process and Data Driven Information Integration using Ontology-Based Enterprise Models”, <i>Natural Sciences and Engineering Research Council of Canada</i> – Discovery Grant (\$53,925)
2000 – 2008	<i>Schulich School of Business</i> – Various Faculty Research Awards (\$53,000)

Journal Publications

1. Jeong, Anna Y., **Henry M. Kim**, and Jee-Hae Lim (2025). “[Do Companies Make the World Better? Effect of Blockchain Adoption on a Firm’s Environmental and Social Performance](#),” *Journal of Information Systems*, Vol. 39, No. 2, pp. 111-138.
2. Arshadi, Hossein and **Henry M. Kim** (2025). “[When Incentives Feel Different: A Prospect-Theoretic Approach to Ethereum’s Incentive Mechanism](#),” *Electronics*, Vol 14, Issue 24, pp. 4916.
3. Arshadi, Hossein and **Henry M. Kim** (2025). “From Digital Twins to World Simulators: A Semantic Categorization Using Actor-Network Theory,” *Information Systems Student Research Journal* (Preprint - https://papers.ssrn.com/sol3/papers.cfm?abstract_id=5399437). **Submitted**
4. Tara, Andrei, Hjalmar K. Turesson, Nicolae Natea, and **Henry M. Kim** (2023). “[An Evaluation of Storage Alternatives for Service Interfaces Supporting a Decentralized AI Marketplace](#),” *IEEE Access*, Vol. 11, pp. 116919-116931.
5. **Kim, Henry M.**, Hjalmar Turesson, Marek Laskowski, and Amir Fard Bahreini (2022). “[Permissionless and Permissioned, Technology-Focused and Business Needs-Driven: Understanding the Hybrid Opportunity in Blockchain through a Case Study of Insolar](#),” *IEEE Transactions on Engineering Management*, Vol. 69, Issue 3, June, pp. 776-791 (Preprint - <https://ssrn.com/abstract=3423113>).

6. **Kim, Henry M.**, Marek Laskowski, Michael Zargham, Hjalmar Turesson, Matt Barlin, and Danil Kabanov (2021). "[Token Economics in Real-Life: Cryptocurrency and Incentives Design for Insolar Blockchain Network](#)," *IEEE Computer*, Vol. 24, Issue 1, pp. 72-80.
7. Evermann, Joerg and **Henry M. Kim** (2021). "[Workflow Management on Proof-of-Work Blockchains - Implications and Recommendations](#)," *SN Computer Science*, Vol. 2, Article 44 (doi.org/10.1007/s42979-020-00387-6).
8. Turesson, Hjalmar, **Henry M. Kim**, Marek Laskowski, and Alexandra Roatis (2021). "[Privacy Preserving Data Mining as Proof of Useful Work: Exploring an AI/Blockchain Design](#)," *Journal of Database Management*, Vol. 20, No. 1, pp. 69-85 (doi.org/10.4018/JDM.2021010104).
9. Treiblmaier, Horst, Melanie Swan, Primavera de Filippi, Mary Lacity, Thomas Hardjono, and **Henry M. Kim** (2021). "[What's Next in Blockchain Research? -An Identification of Key Topics Using a Multidisciplinary Perspective](#)," *Data Base for Advances in Information Systems*, Vol. 21, No. 1, pp. 27-52 (doi.org/10.1145/3447934.3447938).
10. Sengupta, Ushnish and **Henry M. Kim** (2021). "[Meeting Changing Customer Requirements in Food and Agriculture Through Application of Blockchain Technology](#)," *Frontiers in Blockchain*, February (doi.org/10.3389/fbloc.2021.613346).
11. **Kim, Henry M.**, Ushnish Sengupta, and Marek Laskowski (2021). "[Business in the Front, Crypto in the Back: How to Be a Blockchain Startup in Finance](#)," *International Review of Entrepreneurship*, Vol. 19, Issue 1, pp. 117-36.
12. Saxena, Shivam, Hany Farag, Aidan Brookson, Hjalmar Turesson, and **Henry M. Kim** (2021). "[A Permissioned Blockchain System to Reduce Peak Demand in Residential Communities via Energy Trading: A Real-World Case Study](#)," *IEEE Access*, Vol. 9, pp. 5517-5530 (doi.org/10.1109/ACCESS.2020.3047885).
13. Saxena, Shivam, Hany Farag, Hjalmar Turesson, and **Henry M. Kim** (2020). "[Blockchain Based Transactive Energy Systems for Voltage Regulation in Active Distribution Networks](#)," *IET Smart Grid*, Vol. 3, Issue 5, pp. 646-56 (doi.org/10.1049/iet-stg.2019.0286).
14. Evermann, Joerg and **Henry M. Kim** (2020). "[Workflow Management on BFT Blockchains](#)," *Enterprise Modelling and Information Systems Architecture*, Vol. 15, pp. 14:1-22 (doi.org/10.18417/emisa.15.14).
15. Zhang, Alfred Ruoxi, Farookh Zandi, and **Henry M. Kim** (2020). "[A Simple Macroeconomic Model of Decentralized Emission Markets Based on the Solow Growth Model](#)," *Frontiers in Blockchain*, May 5 (doi.org/10.3389/fbloc.2020.00018).
16. Karajovic, Maria, **Henry M. Kim**, and Marek Laskowski (2019). "[Thinking Outside the Block: Projected Phases of Blockchain Integration in the Accounting Industry](#)," *Australian Accounting Review*, Vol. 29, No. 2, pp. 319-330. [SSRN]
17. Mehar, Muhammad Izhar, Charlie Shier, Alana Giambattista, Elgar Gong, Gabrielle Fletcher, **Henry M. Kim**, and Marek Laskowski (2019). "[Understanding a Revolutionary and Flawed Grand Experiment in Blockchain: The DAO Attack](#)," *Journal of Cases on Information Technology*, Vol. 21, Issue 1, pp. 19-32. [SSRN]
18. Zhang, Alfred Ruoxi, Anujan Raveenthiran, Justin Mukai, Ramisha Naeem, Arvin Dhuna, Zoha Parveen, and **Henry M. Kim** (2019). "[The Regulation Paradox of Initial Coin Offerings: A Case Study Approach](#)," *Frontiers in Blockchain*, Vol. 2, Issue 2, April. [SSRN]
19. **Kim, Henry M.** and Marek Laskowski (2018). "[Towards an Ontology-Driven Blockchain Design for Supply Chain Provenance](#)," *Intelligent Systems in Accounting, Finance, and Management*, Vol. 25, Issue 1, pg. 18-27. [SSRN]. **Awarded Paper of the Year for the Journal**
20. Agrawal, Dhvani, Natalia Jureczek, Gajane Gopalakrishnan, Margaret Natalie Guzman, Michael McDonald, and **Henry M. Kim** (2018), "[Loyalty Points on the Blockchain](#)," *Business and Management Studies*, Vol. 4, No. 3, pp. 80-92. [SSRN]
21. **Kim, Henry M.**, Bitu Ghiasi, Max Spear, Marek Laskowski and Jiye Li (2017). "Online Serendipity: The Case for Curated Recommender Systems", *Business Horizons*, Vol. 60, Issue 5, pp. 613-20.
22. Nevo, Saggi, Dorit Nevo, and **Henry M. Kim** (2012). "From Recreational Applications to Workplace Technologies: An Empirical Study of Cross-Context IS Continuance in The Case of Virtual Worlds", *Journal of Information Technology*, Vol. 27, No. 1, 74-86.

23. **Kim, Henry M.**, Kelly Lyons, and Mary Ann Cunningham (2008). "Towards a Theoretically-Grounded Framework for Evaluating Immersive Business Models and Applications: Analysis of Ventures in Second Life", *Journal of Virtual Worlds Research*, Vol. 1, No. 1.
24. **Kim, Henry M.** and Saggi Nevo (2008). "Development and Application of a Framework for Evaluating Multi-Mode Voting Risks", *Journal of Internet Research*, Vol. 18, No. 1, pp. 121-35.
25. **Kim, Henry M.**, Arijit Sengupta, and Joerg Evermann (2007). "MOQ: Web Services Ontologies for QoS and General Quality Evaluations", *International Journal on Metadata Semantics and Ontologies*, Vol. 2, No. 3, pp. 195-200.
26. **Kim, Henry M.**, Marks S. Fox, and Arijit Sengupta (2007). "How To Build Enterprise Models to Achieve Compliance to Standards or Regulatory Requirements (and Share Data)", *Journal of the Association of Information Systems*, Vol. 8, No. 2, pp. 105-28.
27. **Kim, Henry M.** and Arijit Sengupta (2007). "Extracting Knowledge from XML Document Repository: A Semantic Web-Based Approach", *Information Technology and Management*, Vol. 8, No. 3, pp. 205-21.
28. **Kim, Henry M.**; Arijit Sengupta, Mark S. Fox, and Mehmet Dalkilic (2006). "A Measurement Ontology Generalizable for Emerging Domain Applications on the Semantic Web", *Journal of Database Management*, Vol. 18, No. 1, pp. 20-42.
29. Wade, Michael, Markus Biehl, and **Henry M. Kim** (2006). "Information Systems Is/Isn't a Reference Discipline (And What We Can Do about It)", *Journal of the Association of Information Systems*, No. 5, May, pp. 247-268.
30. Wade, Michael, Markus Biehl, and **Henry M. Kim** (2006). "If the Tree of IS Knowledge Falls in a Forest, Will Anyone Hear?: A Commentary on Grover et al.", *Journal of the Association of Information Systems*, Vol. 7 No. 5, May, pp. 326-335.
31. Biehl, Markus, **Henry M. Kim**, and Michael Wade (2006). "Relationships Among the Academic Business Disciplines: A Multi-Method Citation Analysis", *Omega: The International Journal of Management Science*, Vol. 34, pp. 359.
32. Nevo, Saggi and **Henry M. Kim** (2006), "How to Compare and Analyze Risks of Internet Voting Versus Other Modes of Voting", *E-Government: An International Journal*, Vol. 3, No. 1-2.
33. **Kim, Henry M.** and Markus Biehl (2005). "Exploiting the Small-Worlds of the Semantic Web to Connect Heterogeneous, Local Ontologies", *Information Technology and Management*, Vol. 6, pp. 89-96.
34. **Kim, Henry M.** and Rajani Ramkaran (2004). "Best Practices in E-process Management: Extending a Re-engineering Framework", *Business Process Management Journal*. Vol. 10, No. 1., pp. 27-43
35. Biehl, Markus, and **Henry M. Kim** (2003). "Electronic Marketplaces versus Enterprise Resource Planning: A Comparison and Decision Methodology for Supply Chain Management", *International Journal of Technology and Policy Management*, Vol. 3, No. 3/4, pp. 262-84.
36. **Kim, Henry M.** (2002). "Predicting How Ontologies for The Semantic Web Will Evolve", *Communications of the ACM*, Vol. 45, No. 2, pp. 48-54.
37. **Kim, Henry M.** (2002). "Enterprise Models of Measurement: A Comparison of Existing Models for Quality Management and E-Business", *Operational Research: An International Journal*. Vol. 2, No. 1.
38. **Kim, Henry M.** and Mark S. Fox (2002). "Towards Quality Management Web Services: An Ontology of Measurement for Enterprise Modeling", *Lecture Notes in Computer Science* 2348, pp. 230-44.
39. **Kim, Henry M.** (2000). "Enabling Integrated Decision-Making for Electronic Commerce by Modelling an Enterprise's Sharable Knowledge", *Internet Research*, Vol. 10, No. 5, pp. 418-25.
40. **Kim, Henry M.**, Mark S. Fox, and Michael Grüninger, (1999). "An Ontology for Quality Management: Enabling Quality Problem Identification and Tracing", *BT Technology Journal*, Vol. 17, No. 4, pp. 131-40.

Refereed Conference Proceedings

41. Arshadi Soufiani, Hossein and **Henry M. Kim** (2025). "Enhancing Cybersecurity Threat Detection with Counterfactual Reasoning: A 'What-If' Ontology Approach Using Large Language Models," *Proceedings of the American Conference on Information Systems (AMCIS)*, Montreal, Canada, August 14-16.

42. **Kim, Henry M.** (2024). "Can Stablecoins Actually Improve Financial Inclusion: Exploring the IT Affordances of Token-Based Digital Currencies," *Proceedings of the Hawaii International Conference on Systems Science (HICSS-57)*, Honolulu, HI, January 3 – 6 (Preprint - <https://dx.doi.org/10.2139/ssrn.4412527>).
43. Saxena, Shivam, Hany Farag, Aidan Brookson, Hjalmar Turesson, **Henry M. Kim** (2019). "[Design and Field Implementation of Blockchain Based Renewable Energy Trading in Residential Communities](#)," *2nd International Conference on Smart Grid and Renewable Energy*, Doha, Qatar, November 19-21 (DOI: 10.1109/SGRE46976.2019.9020672).
44. Lucena, Percival, Alecio P. D. Binotto, Fernanda da Silva Momo, and **Henry M. Kim** (2018). "[A Case Study for Grain Quality Assurance Tracking based on a Blockchain Business Network](#)," *Proceedings of the Symposium on Foundations and Applications of Blockchain (FAB 18)*, March 9, 2018, Los Angeles, CA.
45. Ning Nan, **Henry M. Kim**, and Marek Laskowski (2018). "Self-Organized Governance in Blockchain-based Tokenized Markets," *Proceedings of the Academy of Management Symposium on Coordination, Governance, and Trust: The Impact of Blockchain on Organizations*, August 10-14, Chicago, IL.
46. **Kim, Henry M.** and Marek Laskowski (2017). "[A Perspective on Blockchain Smart Contracts: Reducing Uncertainty and Complexity in Value Exchange](#)," *Proceedings of the IEEE Workshop on Privacy, Security, Trust & Blockchain Technologies*, August 3, Vancouver, BC.
47. **Kim, Henry M.**, Jackie Ho Nam Cheung, Marek Laskowski, and Iryna Gel (2016). "Data Analytics Using Ontologies of Management Theories: Towards Implementing 'From Theory to Practice'," *Proceedings of the 17th IEEE International Conference on Information Reuse (IEEE IRI)*, July 28-30, Pittsburgh, PA.
48. Laskowski, Marek and **Henry M. Kim** (2016). "Rapid Prototyping of a Text Mining Application For Cryptocurrency Market Intelligence," *Proceedings of the 5th International IEEE Workshop on Data Integration and Mining (DIM)*, July 28-30, Pittsburgh, PA.
49. **Kim, Henry M.**, Marek Laskowski, Seyed Moghadas, Amirehsan Sajad, and Maaz Asif (2014). "A Framework for Comparing Early Warning Systems across Domains: A Step Toward a Data-Integrated Public Health EWS," *Proceedings of the 3rd International Workshop in Issues and Challenges in Social Computing – Social Media, Crowd Sourcing, and Public Health (WICSOH)*, August 14-16, San Francisco, CA.
50. Ali-Hassan, Hossam, Dorit Nevo, **Henry M. Kim**, and Stephen Perelgut (2011). "Organizational Social Computing and Employee Job Performance", *Proceedings of the 44th Annual Hawaii International Conference on System Sciences 2011 (HICSS-44)*, January 4-7 Kauai, HI.
51. **Kim, Henry M.**, Kelly Lyons, and Mary Ann Cunningham (2008). "Towards a Framework for Evaluating Immersive Business Models: Evaluating Service Innovations in Second Life", *Proceedings of the 41st Hawaii International Conference on Systems Science*, January 7-10, Big Island, HI.
52. **Kim, Henry M.**, (2008). "A Venture Capital Approach to IT and Services Innovation", *Proceedings of Service Science Management and Engineering Workshop at University of Alberta*, March 6-7, Edmonton, AB Canada.
53. **Kim, Henry M.**, (2007). "Addressing the Services Science, Management, and Engineering Curriculum: Now and Future", *Proceedings of CASCON 2007 workshop of the Annual Conference of IBM Centre for Advanced Studies*, October 23-24, Canada.
54. **Kim, Henry M.** and Kelly Lyons (2007). "The Role of Complexity Science in the Evolution of the Services Science Discipline", *Proceedings of the 2007 DSI Services Science Mini-conference*, May 24-26, Pittsburgh.
55. **Kim, Henry M.**, Markus Biehl, and John A. Buzacott (2005). "M-CI²: Modelling Cyber Interdependencies between Critical Infrastructures", *Proceedings of the Third IEEE Conference on Industrial Informatics (INDIN '05)*, August 3-5, Perth, Australia.
56. **Kim, Henry M.** (2005). "How to Compare and Analyze Risks of Internet Voting Versus Other Modes of Voting", *E-Government: An International Journal*, *Proceedings of the International Conference on e-Government (ICEG)*, October 3-4, Ottawa ON Canada.
57. **Kim, Henry M.** (2004). "Ontologies for the Semantic Web: Can Social Network Analysis Be Used to Develop Them?", *Bulletin of the Association for Information Systems Special Interest Group on Semantic Web and Information Systems*, July, Vol. 1, No. 2.

58. Biehl, Markus, **Henry M. Kim**, and Michael Wade (2003). "A Decision Methodology for Comparing Similarities & Differences in Journals," in: Kurt Engemann and George Lasker (Editors): *Advances in Decision Technology and Intelligent Information Systems Vol. IV*, pp. 26-30.
59. **Kim, Henry M.** and Mark S. Fox (2002). "Using Enterprise Reference Models for Automated ISO 9000 Compliance Evaluation", *Proceedings of the 35th Hawaii International Conference on Systems Science (HICSS)*, January 7-10, Big Island, HI.
60. **Kim, Henry M.** (2002). "XML-hoo!: A Prototype Application for Intelligent Query of XML Documents Using Domain-Specific Ontologies", *Proceedings of the 35th Hawaii International Conference on Systems Science (HICSS)*, January 7-10, Big Island, HI.
61. Tham, K. Donald and **Henry M. Kim** (2002). "Towards Strategic Intelligence with Ontology Based Enterprise Modelling and ABC", *Proceedings of the International Business & Economics Research Conference*, October 7-11, Las Vegas, NV.
62. **Kim, Henry M.** (2000). "Integrating Business Process-Oriented and Data-Driven Approaches for Ontology Development", *Proceedings of the AAAI Spring Symposium Series 2000 - Bringing Knowledge to Business Processes*, Stanford, CA, March 20-22, pp. 93-9.
63. **Kim, Henry M.** (2000). "Enabling E-Business by Modeling an Enterprise's Sharable Knowledge", *Proceedings of the 5th INFORMS Conference on Information Systems and Technology*, November 4-5, San Antonio, TX.
64. **Kim, Henry M.**, Mark S. Fox, and Michael Grüninger (1995). "An Ontology of Quality for Enterprise Modelling", *Proceedings of the Fourth Workshop on Enabling Technologies: Infrastructure for Collaborative Enterprises (WET-ICE)*. Berkeley Springs, WV, April 20-22, 1995, pp. 105-116.
65. **Kim, Henry M.** and Mark S. Fox (1994). "Formal Models of Quality and ISO 9000 Compliance", *Proceedings of the American Quality Congress (AQC) Conference, American Society for Quality Control*, Las Vegas, NV, May 1994, pp. 17-23.

Refereed Conference Presentations

66. Jeong, Anna Y., **Henry M. Kim**, and Jee-Hae Lim (2023). "Do Companies Make the World Better? Effect of Blockchain Adoption on a Firm's Environmental and Social Performance," *Special Forum Conference on The Digital Transformation of ESG Reporting*, New York NY, December 1 – 2.
67. **Kim, Henry M.** (2023). "Can Stablecoins Actually Improve Financial Inclusion: Exploring the IT Affordances of Token-Based Digital Currencies," *The Business of Blockchain Conference*, Miami, FL, May 19 – 20 and *Korean Association of Information Systems (KraIS) Summer Workshop*, Seoul, South Korea, July 5 – 6.
68. Chioda, Laura, **Henry M. Kim**, Rasa Karapandza and Miesha Williams (2023). Panel Discussion on "Pandemic Wealth and Digital Assets: An Exploration of Cryptocurrencies and Financial Inclusion," *University Blockchain Research Initiative Conference*, Toronto, ON Canada, October 12 – 13.
69. **Kim, Henry M.**, Silviana Tana, Marek Laskowski, Cheng Zhong, Aarushi Jain (2022). "Overcoming the Balkanization of Blockchain Research: Web3 is about Tokens AND Protocols AND Online Communities," SIGBIT Workshop (ICIS), December 14, 2022 (Preprint - <https://papers.ssrn.com/abstract=4248958>).

Book Chapters

70. Sabbhet, Assma and **Henry M. Kim**, "Crypto Tumblers," In: Elgar Encyclopedia of Cryptocurrencies, Blockchain and DLT (Ed: Beck, R. & Slade, C. B.), pg. 56-9. Edward Elgar Publishing.
71. Batista, Danielle, Hrvoje Stancic, **Henry M. Kim**, Chandana Unnithan, Victoria Lemieux (2021). "[Blockchains and Provenance: How a technical system for tracing origins, ownership and authenticity can transform social trust](#)," In: *Building Decentralized Trust: Multidisciplinary Perspectives on the Design of Blockchains and Distributed Ledgers* (Eds.: Lemieux, V. & Feng, C.), pg. 111-64. Springer (DOI: 10.1007/978-3-030-54414-0).
72. Sengupta, Ushnish and **Henry M. Kim** (2020), "[Business Process Transformation In Natural Resources Development Using Blockchain: Indigenous Entrepreneurship, Trustless Technology, and Rebuilding](#)

- [Trust](#),” In: *Blockchain and Distributed Ledger Technology Use Cases: Applications and Lessons Learned* (Eds: Trebelmeier, H., Silaber, C., Clohessy, T.), Springer.
73. Zhang, Alfred Ruoxi, Farookh Zandi, **Henry M. Kim** (2020). “[A Discussion on Decentralization in Financial Industry and Monetary System](#),” In: *Information for Efficient Decision Making: Big Data, Blockchain and Relevance* (Eds.: Balachandran, K.R.), World Scientific Publishing (DOI: [10.1142/11833](#)).
 74. **Kim, Henry M.** and Laskowski, Marek (2018), “[Agriculture on the Blockchain](#),” In: D. Tapscott (Ed.), *Supply Chain Revolution*, Barrow Books.
 75. Sengupta, Arijit and **Henry M. Kim** (2006). “SWAP - A Framework for Ontology Support in Semantic Web Applications”, In: E.Y. Li, & T.C. Du (Eds.): *Advances in Electronic Business, Vol. 2 Theme: Semantic Web and Intelligent Web Services*.
 76. **Kim, Henry M.** and K. Donald Tham (2002). “Designing Business Processes and Communication Structures for E-Business Using Ontology-Based Enterprise Models with Mathematical Models”, In: *Enterprise Information Systems IV*, Kluwer, Netherlands, pp. 179-85.

Practioner Publications

77. Caudevilla, Oriol, and **Henry M. Kim** (2022). “[The Digital Yuan and Cross-Border Payments: China’s Rollout of Its Central Bank Digital Currency](#),” *A Blockchain Research Institute Light House Case Study*, Aug. 2022.
78. **Henry M. Kim** (2022). “Blockchain: Too Intangible to Be Intangible or More Tangible Than Many Tangibles? *UpNext: Digital Professional Development Magazine*, CPA Ontario, March 2022.
79. Laskowski, Marek and **Henry M. Kim** (2020). “Blockchain Interoperability,” *A Blockchain Research Institute Big Idea White Paper*, Aug. 2020.
80. Kim, Henry M. and Muhammad Izhar Mehar (2019). “[Blockchain in Commercial Insurance](#),” *A Blockchain Research Institute Light House Case Study*, Nov. 2019.
81. Jurjica, Oana, Adrienne Adjeleian, and **Henry M. Kim** (2019). “[Breaking the Stagnant Spell: How Blockchain is Disrupting the Solar Energy Industry](#),” *Technical Note on Integration and Trade Sector*, Inter-American Development Bank.

Working Papers

82. **Kim, Henry M.** and Tom Baumann (2024). “Towards Ontology and Blockchain Based Measurement, Reporting, and Verification For Climate Action,” (Preprint - <https://papers.ssrn.com/abstract=3717389>).

Media Appearances

TV

- November 2023: Interviewed for live segment of **CTV Your Morning** on Bitcoin’s energy consumption.
- October 2023: Interviewed for a **Global News** segment on [Sam Bankman-Fried’s trial](#).
- June 2021: Exclusively interviewed on **Global News** to [talk about NFTs](#).
- March 2022: Interviewed for a **CBC TV** segment on [Business in the Metaverse](#).

Radio

- June 2023: Interviewed for **CBC Radio** segment on [SEC vs. Coinbase and Binance](#).
- May 2023: Interviewed for **770 CHQR in Calgary**, **630 CHED in Edmonton**, and **980 CKNW in Vancouver** segment on Binance leaving Canada.
- June 14, 2022: Exclusively interviewed by **CBC Radio** stations in Toronto, Montreal, Sudbury, Saskatoon, Winnipeg, [Kelowna \(start from 1:06:33 mark\)](#), Edmonton, and Calgary to talk about the crash in bitcoin and cryptocurrencies prices.
- May 12, 2022: Exclusively interviewed on **CBC Radio's As It Happens** to talk about the crash in [bitcoin and cryptocurrencies prices \(start from 53:33 mark\)](#).

- January 2022: Exclusively interviewed by Shaye Ganam on **CHED 630 Radio Edmonton** to [talk about investing in cryptocurrencies](#).

Newspaper

- January 2022: Interviewed for an article on **CBC.ca** titled [With so many cryptocurrencies, why do any of them have value?...](#) He sold the NFT of his dog for \$30, which was then donated to a dog shelter.
- March 2021: Interviewed for a **National Post** article titled [What are NFTs? The new digital assets raking in millions, explained](#).

Magazine

- July 2025: Interviewed for a **Barron's** article titled [Will Stablecoins Become Everyday Money?](#)
- April 2025: Featured in [York-Affiliated Scholar Mitacs Scholar Speaks on Cryptocurrency Usage In Canada](#).
- September 2023: Interviewed for a **Nerdwallet Magazine** article titled [Is a Central Bank Digital Currency Coming for Canadians?](#)
- January 2023: Wrote [What is blockchain.lab at Schulich](#) for the **Dean's Desk Magazine**.
- April 2022: Exclusively interviewed for a **Reader's Digest Canada** Article titled [Is Bitcoin the Future of Money](#).
- April 2022: Interviewed by **Financial Post's Canadian Family Office Magazine** for an article titled [Beyond Cryptocurrency: DeFi and Blockchain](#)
- April 2022: Interviewed by **York University YFile** for an [article on the Digital Currencies Project](#).
- March 2022: Interviewed for a **Wealthsimple Magazine** article titled [How the Brutal War in Ukraine Could Also Change Crypto](#).
- March 2022: Interviewed for an **Asparagus Magazine** article titled [Crypto is a Gamble for Your Wallet and the Planet](#).
- February 2022: Interviewed by **Financial Pipeline Magazine** for an article titled [Why are people still betting on crypto?](#).
- January 2022: Interviewed by **York University Magazine** for an article titled [The NFTease](#).
- January 2022: Interviewed by **Financial Post's Canadian Family Office Magazine** for an article titled [Arbitrage may be one way to invest in volatile cryptocurrency](#).
- July 2021: Interviewed for a **Maclean's Magazine** article titled [How business schools are dealing with the rise in cryptocurrency](#).
- March 2021: Interviewed for a **Coin Telegraph Magazine** article titled [Bitcoin payday? Crypto to revolutionize job wages... or not](#).

Youtube

- May 2023: Appeared on **Schulich channel**, titled [Tech Talks - Schulich's Tech MBA: Professor Henry Kim](#).
- July 2020: Presented at Scholars' Hub for **York University Alumni** channel, titled [The Blockchain Story in 2022: Cryptos, NFTs, Web3 and more](#).

Podcast

- December 22: Exclusively interviewed for the **Capital Club** podcast, titled [The State of Digital Currency with Henry Kim](#).
- July 2022: Interviewed for the **Technality Podcast of the Narcity Network**, titled [Mining For Crypto, Praying For Gold](#).
- May 2022: [discussed bitcoin and cryptocurrencies on the Resuming Debates](#) podcast hosted by Garnett Genuis, Member of Parliament from Alberta.
- July 2022: Presented [The Blockchain Story in 2022: Cryptos, NFTs, Web3, and more](#) to **York University's Scholar's Hub**.

Supervision (Abridged)

Post-doctoral supervision

- Daniela Balutel (2023-2026), co-supervised with J. Jasiak [York] and K. Huynh [Bank of Canada]). "Bitcoin Adoption in Canada."

- Michelle Tong (2021-2022, co-supervised with J. Jasiak [York]). “Further Studies in: Corporate Hedging, Executive Compensation and Commodity Price Prediction.”
- Hjalmar Turesson (2019, full supervision). “Deep Learning and Blockchain.”

PhD supervision

- Hossam Ali-Hassan (2005-2010, co-supervised with D. Nevo). “Exploring organizational social computing dimensions and impact on employee's job performance.”
- Ahmed Doha (2006-2012, co-supervised with M. Pagell). “The Dynamics Between Imitation and Innovation Within the Firm.”

Research fellowship/scholarship supervision

- Chien-Chih Joseph Chen (2026). *Mitacs Accelerate*: “Hybrid Blockchain Traceability for Critical Minerals: Aisimpro Pilot Project”
- Oleksandr Hrabar (2026). *Mitacs Accelerate*: “Hybrid Blockchain Traceability for Critical Minerals: Aisimpro Pilot Project”
- Arshadi, Hossein (2025). *York Research Grant*: “Agentic Commerce and Cybersecurity”
- Shahla Nikbakht (2025). *York Research Grant*: “Blockchain: Real-world Assets”
- Stephanie Jonsson (2023). *York CIRC*: “Exploring Blockchain and Metaverse”
- Shivam Saxena (2021). *York CIRC*: “Exploring Applications of Blockchain”
- Ushnish Sengupta (2021). *OCI VIP I*: “Meeting Changing Customer Requirements in Food and Agriculture through application of blockchain technology”
- Abhishek Pandey (2020). *Mitacs Business Strategy Internship*: “How Grain Discovery’s Blockchain Solution Can Enable Flexibility in the Agricultural Supply Chain in the Age of COVID-19”
- Marek Laskowski (2015-2016). *NSERC Engage*: “Blockchain and Cryptocurrencies”
- Charles Shier (2015-2016). *NSERC USRA*: “Ontology Formalizations of Marketing Principles and Exploring Blockchain Research Opportunities”
- Ilan Kogan (2015). *NSERC USRA*: “Ontology Formalizations of Marketing Principles and Exploring Blockchain Research Opportunities”
- Jiye Li (2015). *NSERC Engage*: “Developing a Social and Trust-Based Book Recommender System for Indigo”
- Millan Jankovic (2013). *NSERC Engage*: “Leveraging Supply Chain Automation Expertise to Develop Supply Chain Analytics Capabilities”
- Jackie Cheung (2012). *NSERC USRA*: “Applications of a Computational Ontology for Distance for the Semantic Web”

Graduate Examinations	PhD Oral Exams: 10 candidates
	PhD Comprehensive Exams: 8 candidates
	PhD External Exams: 2 candidates
	Masters Oral Exams (not at Schulich): 20 candidates
	Professional Masters (MBA, MBAN) Capstone Projects: 82 projects
Research Projects	MBA Level: 23 students
	Undergraduate Level: 62 students

Teaching (Abridged)

Undergraduate	Introduction to Information Systems (1999 -)
	Database Management System (2000-2004)
	Systems Analysis and Design (2000-2004)
Graduate	Emerging Technologies and the Changing Landscape of Business (2023 -)
	Digital Transformation in Service (2025-)
	Introduction to Leadership and Management Skills (2008-2009)
	Management Information Systems (1999 -)
	Advanced Topics in Information Systems (1999-2001)

E-Business Strategy (2005-2008)
Systems Analysis and Design (2001-2005)

Post Graduate Digital Transformation and Emerging Technologies
Information Systems
Blockchain Development
North American Information Systems
North American Supply Chain Management

Consulting and Professional Services Engagements (Abridged)

- Patent – “Systems and Methods for Short and Long Tokens,” United States. 505664119. 2019/09/11, Marek Laskowski, **Henry M. Kim**, Jacob Unger, and Charlie Shier
- Ryerson University; Metrix Group; Schulich Executive Education Centre; United Nations CEFAC; US National Institutes of Standards and Technology; Ontario Ministry of Agriculture and Rural Affairs; CIBC Capital Markets; Siemens; China National Tobacco Company; Certified General Accounts of Ontario; Bank of Montreal; Town of Markham; Blockchain Technology
- ClimateCHECK; Jombone; Ian Martin Group; Organization of Canadian Nuclear Industries; Grayblock Power; Blockchain Research Institute; Institute of Management Accountants; Environics Research; George Brown College

Service (Abridged)

Editorial Board	2018 –	<i>Frontiers in Blockchain: Blockchain Technologies</i>
	2005 –	<i>International Journal of Semantic Web and Information Systems</i>
	2020 – 2024	<i>Journal of Risk and Financial Management</i>
	2015 – 2019	<i>Service Science (INFORMS)</i>
	2013 – 2017	<i>Decision Analytics</i>
	2004 – 2007	<i>Association of Information Systems Special Interest Group on Semantic Information Systems</i>
	2001 – 2012	<i>Journal of Internet Research</i>
	2025	Finance Chair for 2027 <i>International Conference on Blockchain and Cryptocurrencies (ICBC)</i>
	2023	Special Issue Editor on Non-Financial Uses of Blockchain Technologies, <i>Journal of Risk and Financial Management</i>
	2023	Technical Committee Track Chair, <i>IEEE International Conference on Metaverse Computing, Networking and Applications</i>
Organization	2023 - 2024	Member, CIOSC/TS 114, Technical Specification for Agricultural Blockchain – Traceability of Canola Through the Canadian Supply Chain
	2023 - 2024	Member, Digital Governance Standards Institute Technical Committee 18: Age Verification
	2020, 2022	Finance Chair, <i>IEEE International Conference on Blockchain and Cryptocurrency</i>
	2017 – 2023	Co-organizer, <i>Fields Institute Seminar Series on Blockchain</i>
	2019 -	Member, <i>York University School of Continuing Studies Blockchain Program Advisory Board</i>
	2018	Academic Co-Chair, <i>Toronto Blockchain Week</i>
Ad Hoc Reviewer	Numerous journals and conferences including <i>MIS Quarterly</i> , <i>Information Systems Research</i> , and <i>Management Science</i>	
Examiner	Numerous PhD and Master's at Schulich School of Business, Computer Science, and Information Technology programs at York University	

Chair	Senior Advisor, Masters of Business Analytics & Masters of Management in AI (MBAN/MMAI) (2026-2028) Student Affairs Committee, Schulich School of Business (2018-2021) Hiring Committee, Canada Research Chair, Tier I (2024-5) Several Tenure & Promotions File Preparation Committees (2022 -)
Area Coordinator	Operations Management and Information Systems Area (2023-5; 2004-5)
Committee Member	Schulich Committee on Equity and Community; York University Markham Campus Planning Committee, York University School of Continuing Studies Certificate Program on Blockchain Advisory Council; BlockchainHub @ Best, York University; Numerous T&P Committees at York University and other institutions; Numerous NSERC and SSHRC Grant Selection Committees. Student Affairs Committee; York University Senate; BBA Committee; MBA Committee; Operating Committee; Hiring Committees; University of Toronto Governing Council, Operating Committee, Affirmative Action for Hiring Committees, PhD Student Selection Committees