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Curriculum Vitae
Dr. Barrie R. Nault

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Haskayne School of Business
University of Calgary
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Academic Experience

- 2017-present Distinguished Research Professor in Business Technology Management (MIS), Haskayne School of Business, University of Calgary; Director of the Informatics Research Centre (2003-present)
- 2001-2017 Robson Professor in Business Technology Management (MIS), Haskayne School of Business, University of Calgary
- 2011-present Distinguished Fellow of the INFORMS Information Systems Society
- 2001-2005 Adjunct Professor, Department of Accounting and MIS, Fisher College of Business, The Ohio State University
- 1999-2001 Associate Professor, Department of Accounting and MIS, Fisher College of Business, The Ohio State University; Director of the Center for IT Management (2000-2001)
- 1997-1999 Associate Professor, Graduate School of Management, University of California, Irvine
- 1994-1997 Assistant Professor, Graduate School of Management, University of California, Irvine
- 1990-1994 Assistant Professor, Department of Accounting and MIS, Faculty of Business, University of Alberta

Academic Interests

Information Technology, Organizations and Markets; Electronic Commerce; Incentives and Investments in Networks; Systems Engineering; Organizational Transformation; Management of Technology; Internet Policy; Smart Grids; Public Safety Networks.

Education

- Doctor of Philosophy (Ph.D.) (1990), University of British Columbia (UBC)
Major: Management Information Systems (MIS); *Minor:* Finance, Marketing, Economics, Game Theory
- Bachelor of Commerce (1983), McGill University
Major: Management Science (under MBA program); *Minor:* MIS, Finance

Refereed Journal Articles or Book Chapters

- Guo, H., Liu, Y., and B.R. Nault. Provisioning Interoperable Disaster Management Systems: Integrated, Unified, and Federated Approaches. *MIS Quarterly*, 45(1), March 2021, 45-82.
- Gong, F., Nault, B.R., and Z. Cheng. The Different Effects of Hardware and Software on Production Interdependence in Manufacturing. *Decision Support Systems*, 145, June 2021.

- Zhang, D., Lyle, M., and B.R. Nault. Trading Volume and Open Interest from the Options Markets as Measures of the Effect of IT Announcements. Accepted at *Information Technology Management*. March 2020.
- Koh, B., Raghunathan, S., and B.R. Nault. An Empirical Examination of Voluntary Profiling: Privacy and Quid Pro Quo. *Decision Support Systems*, 132, May 2020.
- He, J., Wang, X., Vandenbosch, M.B., and B.R. Nault. Revealed Preference in Online Reviews: Purchase Verification in the Tablet Market. *Decision Support Systems*, 132, May 2020.
- Zhang, D., Nault, B.R. and X. Wei. The Strategic Value of IT in Setting Productive Capacity. *Information Systems Research*, 30(4), December 2019, 1124-1144.
- Ye, H., Li, W., and B.R. Nault. Trade-off Balancing Between Maximum and Total Completion Times for No-Wait Flow Shop Production. *International Journal of Production Research*, 58(11), November 2019, 3235-3251.
- Zhang, D., and B.R. Nault. Measuring Risk from IT Initiatives Using Implied Volatility. *Journal of the Association for Information Systems*, 20(11), November 2019, 247-265.
- Nault, B.R., and S. Zimmermann. Balancing Openness and Prioritization in a Two-Tier Internet. *Information Systems Research*, 30(3), September 2019, 745-763.
- Nault, B.R., and M.S. Rahman. Proximity to a Traditional Physical Store: The Effects of Mitigating Online Disutility Costs. *Production and Operations Management*, 28(4), April 2019, 1033-1051.
- Zhang, J., Nault, B.R., and R.G. Dimitrakopoulos. Optimizing Mineral Value Chain with Market Uncertainty using Benders Decomposition. *European Journal of Operational Research*, 274 (1), April 2019, 227-239.
- Li, W., Nault, B.R., and H. Ye. Trade-off Balancing in Scheduling for Flow Shop Production and Perioperative Processes. *European Journal of Operational Research*, 273(3), March 2019, 817-830.
- Zimmermann, S., Herrmann, P., Kundisch, D., and B.R. Nault. Decomposing the Variance of Consumer Ratings and their Impact on Price and Demand. *Information Systems Research*, 29(4), December 2018, 984-1002.
- Zimmermann, S., Angerer, P., Provin, D., and B.R. Nault. Pricing in C2C Sharing Platforms. *Journal of the Association for Information Systems*, 19(7), August 2018, 671-687.
- Ye, H., Li, W., Abedini, A., and B.R. Nault. An Effective and Efficient Heuristic for N-Wait Flow Shop Production to Minimize Total Completion Time. *Computers & Industrial Engineering*, 108, June 2017, 57-69.
- Liu, Y., Guo, H., and B.R. Nault. Organization of Public Safety Networks: Spillovers, Interoperability, and Participation. *Production and Operations Management*, 26(4), April 2017, 704-723.
- Ba, S., and B.R. Nault. Emergent Themes in the Interface Between Economics of Information Systems and Management of Technology. *Production and Operations Management*, 26(4), April 2017, 652-666.
- Koh, B., Raghunathan, S., and B.R. Nault. Is Voluntary Profiling Welfare Enhancing? *MIS Quarterly*, 41(1), March 2017, 23-41.
- Gong, F., Nault, B.R., and M. Rahman. An Internet-Enabled Move to the Market in Logistics. *Information Systems Research*, 27(2), June 2016, 440-452.
- Zhang, J., Nault, B.R., and Y.L. Tu. A Dynamic Pricing Method for a 3PL Provider with Heterogeneous Customers. *International Journal of Production Economics*, 169, November 2015, 31-43.
- Li, W., Mitchell, V.L., Nault, B.R., and D. Brind. Operating Room Scheduling and Adaptive Control Using a Priority First Fit Decreasing Heuristic. *Engineering Management Research*, 4(2), November 2015, 46-53.
- Zhang, D., Cheng, Z., Mohammad, H.Q., and B.R. Nault. Information Technology Substitution Revisited. *Information Systems Research*, 26(3), September 2015, 480-495.

- Kundisch, D., Mittal, N., and B.R. Nault. Using Income Accounting as the Theoretical Basis for Measuring IT Productivity. *Information Systems Research*, 23(5), September 2014, 449-467. (Nominated for European Research Paper of the Year 2015 Award)
- Wei, X., and B.R. Nault. Monopoly Versioning of Information Goods When Consumers Have Group Tastes. *Production and Operations Management*, 23(6), June 2014, 1067-1081.
- Kleis, L., Nault, B.R., and A.S. Dexter. Producing Synergy: Innovation, IT and Productivity. *Decision Sciences*, 45(5), October 2014, 939-969.
- Wei, X., and B.R. Nault. Experience Information Goods: Version-to-Upgrade. *Decision Support Systems*, 56, December 2013, 494-501.
- Osborn, B., and B.R. Nault. A Classification of Supply Chain Problems. *Engineering Management Research*, 1(2), November 2012, 1-15.
- Zhang, J., Nault, B.R., Yang, W., and Y. Tu. Dynamic Price Quotation in a Responsive Supply Chain for One-of-a-Kind Production. *International Journal of Production Economics*, 139, September 2012, 275-287.
- Cheng, Z., and B.R. Nault. Relative Industry Concentration and Customer-Driven IT Spillovers. *Information Systems Research*, 23(2), June 2012, 340-355.
- Han, K., Kauffman, R.J., and B.R. Nault. Returns to Information Technology Outsourcing. *Information Systems Research*, 22(4), December 2011, 824-840.
- Han, K., Kauffman, R.J., Mann, A., and B.R. Nault. Are There Contagion Effects in IT Outsourcing? *Decision Support Systems*, 51(4), November 2011, 864-874.
- Jeffers, P.I., and B.R. Nault. Why Competition From a Multi-Channel E-Tailer Does Not Always Benefit Consumers. *Decision Sciences*, 42(1), February 2011, 69-91.
- Li, W., Nault, B.R., Xue, D., and Y.L. Tu. An Efficient Heuristic for Adaptive Production Scheduling and Control in One-of-a-Kind Production. *Computers and OR*, 38, 2011, 267-276.
- Ullah, M.I., Wei, X., Nault, B.R., and G. Rhue. Balancing Business and Technical Objectives for Supporting Software Evolution. *International Journal of Software Engineering and Computing*, 2(2), July-December 2010, 75-93.
- Mittal, N., and B.R. Nault. Investments in Information Technology: Indirect Effects and Information Technology Intensity. *Information Systems Research*, 20(1), March 2009, 140-154.
- Jeffers, P.I., Muhanna, W., and B.R. Nault. Information Technology and Process Performance: An Empirical Investigation of the Interaction Between IT and Non-IT Resources. *Decision Sciences*, 39(4), November 2008, 703-735.
- Han, K., Kauffman, R.J., and B.R. Nault. Relative Importance, Specific Investment and Ownership in Interorganizational Systems. *Information Technology and Management*, 9(3), September 2008, 181-200.
- Cheng, Z., and B.R. Nault. Industry Level Supplier-Driven IT Spillovers. *Management Science*, 53(8), August 2007, 1199-1216.
- Cheng, Z., and B.R. Nault. Internet Channel Entry: Retail Coverage and Entry Cost Advantage. *Information Technology Management*, 8(2), June 2007, 111-133.
- Mitchell, V.L., and B.R. Nault. Cooperative Planning, Uncertainty, and Managerial Control in Concurrent Design. *Management Science*, 53(3), March 2007, 375-389.
- Dexter, A.S., and B.R. Nault. Membership and Incentives in Network Alliances. *IEEE Transactions on Engineering Management*, 53(2), May 2006, 250-262.
- Nault, B.R., and A.S. Dexter. Agent-Intermediated Electronic Markets in International Freight Transportation. *Decision Support Systems*, 41, May 2006, 787-802.
- Dexter, A.S., M. D. Levi and B.R. Nault. International Trade and the Connection Between Excess Demand and Inflation. *Review of International Economics*, 13(4), September 2005, 699-708.
- Han, K., Kauffman, R.J., and B.R. Nault. Information Exploitation and Interorganizational System Ownership. *Journal of Management Information Systems*, 21(2), Fall 2004, 109-135.

- Cottrell, T., and B.R. Nault. Product Variety and Firm Survival in the Microcomputer Software Industry. *Strategic Management Journal*, 25(10), October 2004, 1005-1026.
- Levi, M.D., and B.R. Nault. Converting Technology to Mitigate Environmental Damage. *Management Science*, 50(8), August 2004, 1015-1030.
- Dexter, A.S., M. D. Levi and B.R. Nault. Sticky Prices: The Impact of Regulation. *Journal of Monetary Economics*, 49, 2002, 797-821.
- Nault, B.R., and R.K. Tyagi. Implementable Mechanisms to Coordinate Horizontal Alliances. *Management Science*, 47(6), June 2001, 787-799.
- Nault, B.R., and M.B. Vandenbosch. Disruptive Technologies: Explaining Entry in Next Generation Information Technology Markets. *Information Systems Research*, 11(3) September 2000, 304-319.
- Nault, B.R. Information Technology and Organizational Design: Locating Decisions and Information. *Management Science*, 44(10), October 1998, 1321-1335.
- Nault B.R., and V.C. Storey. Using Object Concepts to Match Artificial Intelligence Techniques to Problem Types. *Information and Management*, 34(1), August 1998, 19-31.
- Nault, B.R., Dexter, A.S. and R. Wolfe. Electronic Communication Innovations: Overcoming Adoption Resistance. *Wirtschaftsinformatik*, 2, April 1998, 114-120.
- Bakos, J.Y. and B.R. Nault. Ownership and Investment in Electronic Networks. *Information Systems Research*, 8(4), December 1997, 321-341.
- Nault, B.R., R. Wolfe and A.S. Dexter. Support Strategies to Foster Adoption of Interorganizational Innovations. *IEEE Transactions on Engineering Management*, 44(4), November 1997, 378-389.
- Nault, B.R. Quality Differentiation and Adoption Costs: The Case for Interorganizational Information Systems Pricing. *Annals of Operations Research*, 71, 1997, 115-142.
- Nault, B.R. Information Technology and Investment Incentives in Distributed Operations. *Information Systems Research*, 8(2), June 1997, 196-202.
- Nault, B.R. Mitigating Underinvestment Through an IT-Enabled Organization Form. *Organization Science*, 8(3), May-June 1997, 223-234. (Citation of Excellence: ANBAR Electronic Intelligence)
- Nault, B.R. and M.B. Vandenbosch. Eating Your Own Lunch: Protection Through Preemption. *Organization Science*, 7(3), May-June 1996, 342-358. (Reprinted as Chapter 8 in *Managing in Times of Disorder*, A. Ilinitch, A. Lewin, and R. D'Aveni, eds., SAGE Publications: Thousand Oaks, 1998, 171-206.)
- Nault, B.R. Equivalence of Taxes and Subsidies in the Control of Production Externalities. *Management Science*, 42(3), March 1996, 307-320. (Citation of Excellence: ANBAR Electronic Intelligence)
- Nault, B.R. and A.S. Dexter. Added Value and Pricing with Information Technology. *MIS Quarterly*, 19(4), December 1995, 449-463.
- Nault, B.R., and A.S. Dexter. Adoption, Transfers and Incentives in a Franchise Network with Positive Externalities. *Marketing Science*, 13(4), Fall 1994, 412-423.
- Dexter, A.S., Levi, M.D. and B.R. Nault. Freely Determined Versus Regulated Prices: Implications for the Link Between Money and Inflation. *Journal of Money, Credit and Banking*, 25(2), May 1993, 222-231.
- Nault, B. R. and A. S. Dexter. Interorganizational Information Systems in Industrial Markets. Chapter 14 in *Strategic Information Technology Management: Perspectives on Organizational Growth and Competitive Advantage*, R. Banker et. al eds., Idea Group Publishing Inc., 1992, 297-316.
- Benbasat, I. and B.R. Nault. An Evaluation of Empirical Research in Managerial Support Systems. *Decision Support Systems*, 6 (1990), 203-226.

Other Publications

- Li, W., Nault, B.R., You, J., and B. Bilderback. Balancing Trade-Offs in One-Stage Production with Processing Time Uncertainty. *Proceedings of the North American Manufacturing Research Conference, NAMRC 49*, Cincinnati OH, June 2021. (refereed)
- Vijairaghavan, V., and B.R. Nault. Smart Grids: Incentivizing Growth and Investment in Demand Response. *Proceedings of the Fall 2019 INFORMS Conference on Information Systems and Technology*, Seattle WA, October 2019. (refereed)
- Zhang, J., and B.R. Nault. The Competition Between Edge Providers and the Impact of Analytics Technology. *Proceedings of the Fall 2019 INFORMS Conference on Information Systems and Technology*, Seattle WA, October 2019. (refereed)
- Wang, X., He, J., Vandenbosch, M.B., and B.R. Nault. Revealed Preference in Online Reviews: Purchase Verification in the Tablet Market. *Proceedings of the Fall 2018 INFORMS Conference on Information Systems and Technology*, Phoenix AZ, November 2018. (refereed)
- Zhang, J. and B.R. Nault. Upstream Information Sharing in a Make-to-Order Supply Chain. *Proceedings of the Fall 2017 INFORMS Conference on Information Systems and Technology*, Houston TX, October 2017. (refereed)
- Li, W., Nault, B.R., Abedini, A., Pan, X., Ye, H., Jawahir, I.S., Rouch, K. and K. Saito. Balancing Trade-offs between Utilization and Work-in-Process Inventory Levels in Flow Shop Production. *Proceedings of Eighth International Symposium on Scale Modeling (ISSM-8)*, Portland, OR, September 2017.
- Gong, F., Nault, B.R., and Z. Cheng. The Impact of IT in Production Interdependence. *Proceedings of the Fall 2016 INFORMS Conference on Information Systems and Technology*, Nashville TN, November 2016. (refereed)
- Zhang, D., and B.R. Nault. Do IT Investments Impact Ex-Ante Firm Risk? – New Evidence from the Option Market. *Proceedings of the 10th China Summer Workshop on Information Management*, Dalian, China, June 2016. (refereed)
- Herrmann, P., Kundisch, D., Zimmermann, S., and B.R. Nault. How Do Different Sources of the Variance of Consumer Ratings Matter? *Proceedings of the International Conference on Information Systems*, Fort Worth TX, December 2015. (refereed)
- Herrmann, P., Kundisch, D., Zimmermann, S., and B.R. Nault. Different Sources of the Variance of Online Consumer Ratings and their Impact on Price and Demand. *Proceedings of the Fall 2015 INFORMS Conference on Information Systems and Technology*, Philadelphia PA, October 2015. (refereed)
- Gong, F., Nault, B.R., and Z. Cheng. The Impact of IT on Production Interdependence. *Proceedings of the 9th China Summer Workshop on Information Management*, Hefei, China, June 2015. (refereed)
- Li, W., Mitchell, V.L., and B.R. Nault. Inconsistent Objectives in Operating Room Scheduling. *Proceedings of the 2014 Industrial and Systems Engineering Research Conference*, Y. Guan and H. Liao eds., Montreal QC, June 2014. (refereed)
- Guo, H., Liu, Y., and B.R. Nault. Technology, Interoperability, and Provision of Public Safety Networks. *Proceedings of the International Conference on Information Systems*, Milano, Italy, December 2013. (refereed)
- Nault, B.R., and S. Zimmermann. Policy, Pricing and Investment in a Two-Tier Internet. *Proceedings of the Fall 2013 INFORMS Conference on Information Systems and Technology*, Minneapolis MN, October 2013. (refereed)
- Zhang, D., Lyle, M., and B.R. Nault. Who Reacts to IT Investment Announcements? *Proceedings of the Fall 2012 INFORMS Conference on Information Systems and Technology*, Phoenix AZ, October 2012. (refereed)
- Zhang, D., Wei, X., and B.R. Nault. The Impact of IT on Productive Capacity. *Proceedings of the Fall 2011 INFORMS Conference on Information Systems and Technology*, Charlotte NC, November 2011. (refereed)

- Li, W., and B.R. Nault. Variation in Processing Time in One-of-a-Kind Production: Case Studies Using the State Space Heuristic. *Proceedings of the 41st International Conference on Computers and Industrial Engineering*, University of Southern California, October 2011. (refereed)
- Han, K., Kauffman, R.J., Mann, A., and B.R. Nault. Are There Contagion Effects in IT Outsourcing? *Proceedings of the Fall 2009 INFORMS Conference on Information Systems and Technology*, San Diego CA, October 2009. (refereed)
- Li, W., Nault, B.R., Tu, Y.L., and D. Xue. A State-Space Heuristic for Adaptive Production Control in One-of-a-Kind Production. *Transactions of the North American Manufacturing Research Institution of SME 37*, Greenville SC, May 2009. (refereed).
- Han, K., Kauffman, R.J., Mann, A., and B.R. Nault. Are There Contagion Effects in the Diffusion of IT Outsourcing? *Proceedings of the 42th Hawaii International Conference On Systems Sciences (HICSS-42)*, Waikoloa HI, January 2009. (refereed).
- Li, W., Nault, B.R., Tu, Y.L., and D. Xue. A Heuristic, State Space, for Hybrid Flow Shop Production Scheduling and Control. *Proceedings of the Fall 2008 INFORMS Conference on Manufacturing Systems*, Washington D.C., October 2008. (refereed)
- Cheng, Z., and B.R. Nault. Customer-Driven IT Spillovers and Industry Competition *Proceedings of the Fall 2007 INFORMS Conference on Information Systems and Technology*, Seattle WA, November 2007. (refereed)
- Wei, X., Weiss, C., and B.R. Nault. Experience Information Goods: Versioning and Upgrading. *Proceedings of the Fall 2007 INFORMS Conference on Information Systems and Technology*, Seattle WA, November 2007. (refereed)
- Wei, X., and B.R. Nault. Vertically Differentiated Information Goods: Entry Deterrence, Rivalry Clear-out or Coexistence. *Proceedings of the Fall 2006 INFORMS Conference on Information Systems and Technology*, Pittsburgh PA, November 2006. (refereed) (Received Best Paper Award)
- Han, K., Kauffman, R.J., and B.R. Nault. Does IT Outsourcing Pay Off? Evidence from Industry-Level Data. *Proceedings of the Fall 2005 INFORMS Conference on Information Systems and Technology*, San Francisco CA, November 2005. (refereed) (Received Best Paper Award)
- Cheng, Z., and B.R. Nault. Retail Coverage and Incentives for Electronic Direct Market Entry. *Proceedings of the Fall 2004 INFORMS Conference on Information Systems and Technology*, Myrtle Beach SC, October 2004. (refereed)
- Han, K., Kauffman, R.J., and B.R. Nault. Innovator or Owner? Information Sharing, Incomplete Contracts and Governance in Financial Risk Management Systems. *Proceedings of the 37th Hawaii International Conference On Systems Sciences (HICSS-37)*, R. Sprague (ed.), Big Island HI, January 2004, IEEE Computer Society Press, Los Alamitos CA, 2004. (refereed)
- Forster, P.W., J.L. King, B.R. Nault and A. Regan. Information Technology Adoption and Use In U.S. Scheduled Air Cargo Forwarders and Airlines. *Cargo Network Services (CNS) Report*, December 2002.
- Nault, B.R. Information Technology for Freight Transportation Coordination. In *Policy Options for Intermodal Freight Transportation*, Special Report 252 of the Transportation Research Board, National Research Council, National Academy Press: Washington D.C., 1998, 234-257.
- Sandbill, K., A. Will, H. U. Buhl and B.R. Nault. IT-Enabled Incentive Schemes in Telephone Banking. In J. F. Nunamaker and R.H. Sprague eds., *Proceedings of the 30th Hawaii International Conference On Systems Sciences*, Band III, Maui HI. Computer Society Press of the IEEE, 1997, 249-257. (refereed)
- Sandbill, K., A. Will, H. U. Buhl and B.R. Nault. Improving Competitiveness of Direct Banking via IT-Enabled Incentive Schemes. In H. Krallmann eds., *Wirtschaftsinformatik 97 - Internationale Geschäftstätigkeit auf der Basis flexibler Organisationsstrukturen und leistungsfähiger Informationssysteme (Proceedings of the International Conference on Business Informatics)*, Heidelberg Germany, 1997, 496-511. (refereed)

- Nault, B.R., and A.S. Dexter. IT-Enabled Affiliations as Organizational Forms. *Proceedings of the IEEE International Engineering Management Conference '96*, Vancouver BC, 1996. (refereed)
- Benbasat, I., G. DeSanctis and B.R. Nault. Empirical Research in Managerial Support Systems: A Review and Assessment. *Proceedings of the NATO Advanced Study Institute on Decision Support Systems*, A.B. Whinston and C. Halsapple eds., Springer-Verlag, 1991, 383-437.
- Benbasat, I. and B.R. Nault. Empirical Research in Decision Support and Expert Systems: an Examination of Research To Date and Emerging Topics. *Proceedings of the Arthur Young Roundtable*, 1987, 255-303.

Working Papers Under Review (and Revision)

- Han, K., Koh, B., Nault, B.R., and J. Park. Using Labor as a Measure of Transaction Costs to Assess The Impact of Information Technology. Working Paper (April 2021).
- Guo, H., Liu, Y., and B.R. Nault. Organizing for Critical Infrastructure with Resource Spillovers. Working Paper (April 2021)
- Vijairaghavan, V., Nault, B.R., and H. Hidaji. Winner Take All Through Data Portability. Working Paper (March 2021).
- Wang, X., Li, X., and B.R. Nault. Personalized Pricing and Product Positioning. Working Paper (February 2021).
- Hidaji, H., Kolfal, B., Nault, B.R., Patterson, R., Rolland, E., and L. Yeo. Service Disruptions and Provider Choice. Working Paper (January 2021).
- Wang, X., Li, X., and B.R. Nault. Blockchain, Verifiability, and Supply Chain Pricing. Working Paper (November 2020).
- Vijairaghavan, V., and B.R. Nault. Platform Intermediation and Firm Investment. Working Paper (November 2020).
- Zhang, J., and B.R. Nault. Information Sharing and Coordination in a MTO Supply Chain. Working Paper (November 2020).
- Li, X., Wang, X., and B.R. Nault. The Peril of Blockchain in a Vertical Relationship. Working Paper (November 2020).
- Zhang, J., and B.R. Nault. Upstream Information Sharing in Platform-Based E-Commerce. Working Paper (October 2020).
- Wang, X., Ren, K.S., Vandenbosch, M.B., and B.R. Nault. Using Blockchain to Impact Information Efficiency in Security Markets. Working Paper (May 2020).
- Vijairaghavan, V., and B.R. Nault. The Impact of Information Technology on Firm Costs. Working Paper (May 2020).
- Fereidouni, M., and B.R. Nault. Platform Alliances and Piggybacking. Working Paper (May 2020).
- Guo, H., Liu, Y., and B.R. Nault. Cost Allocation for Cooperative Provisioning of Public Safety Networks. Working Paper (April 2019)
- Mitchell, V.L., Nault, B.R., and W. Li. Integrated Learning Base and Project Performance in Service Reengineering. Working Paper (July 2015).
- Li, W., Mitchell, V.L., and B.R. Nault. Inconsistencies in Objectives for Operating Room Slate Scheduling. Working Paper (May 2015).
- Donaldson, R.G., Levi, M.D., Nault, B.R. and T. Ruf. Exchange-Rate Variability and Foreign Factor Income. Working Paper (August 2013).
- Gong, F., Nault, B.R., and B. Koh. Measures of Input-Output Structure of Production. Working Paper (August 2013).
- Zhang, J., Nault, B.R., and Y.L. Tu. Dynamic Pricing and Its Influence on Supply Chain Performance. Working Paper (May 2013).
- Han, K., Nault, B.R., and K. Lee. On the Relationship of IT Labor with IT Capital and IT Outsourcing in Production. Working Paper (August 2012).

Wei, X., and B.R. Nault. Vertically Differentiated Information Goods: Monopoly Power Through Versioning. Working Paper (February 2011).

Academic Editorial Review

Department Editor for *Management Science* (2004-2007, ad hoc to present).

Associate Editor for *MIS Quarterly* (2014); *Information Systems Research* (1993-2005); *Management Science* (2002-04; acting 1991-93).

Editorial Board Member, *IEEE Transactions on Engineering Management* (2001-2017), *Production and Operations Management* (2003-2017); *Journal of the Association for Information Systems* (invited) (2002-declined).

Advisory Board Member, *Zeitschrift Wirtschaftsinformatik* (2008), *Information Systems and Economics Abstracting Journal of the Social Science Research Network* (2004-present), *INFORMS Conference of Information Systems and Technology Conference* (2005-present), *Information Systems Society (INFORMS)* (2004-present).

Reviewer, *NSERC Canada Research Chairs*, *The National Science Foundation*, *Management Science*, *Information Systems Research*, *Organization Science*, *MIS Quarterly*, *Operations Research*, *Computational and Mathematical Organization Theory*, *IEEE Transactions on Engineering Management*, *Communications of the ACM*, *Annals of OR*, *Decision Support Systems*, *Journal of Organizational Computing*, *Journal of Strategic Information Systems*, *International Journal of Operations and Production Management*, *INFOR: Information Systems and Operational Research*, *International Conference on Information Systems*, *Conference of Information Systems and Technology*, *Hawaii International Conference on System Sciences*, *Workshop on Information Technologies and Systems*, *Administrative Sciences Association of Canada*, *Israel Science Foundation*, *Natural Science and Engineering Research Council*, *Social Science and Humanities Research Council*, *The Internet Encyclopedia*, *Journal of Economic Behavior and Organization*.

Conference Administration

Co-Chair, *Theory of Economics of Information Systems Workshop*, Monterey CA, 2013; Napa Valley CA, 2017; Vancouver BC, 2019; *Theory of Economics of Information Systems Workshop* Host, Banff AB, 2014, 2015.

Co-Chair (peer-elected) *Sixth Workshop on Information Systems and Economics*, Vancouver BC, December 1994; Dallas TX, December 2015.

Co-Chair, *University of Alberta/University of Calgary MIS Research Workshop*, Canmore AB, October 2005, 2006.

Program Committee, *Conference of Information Systems and Technology*, Phoenix AZ, 2012; *Privacy 2000 Conference*, Columbus OH, 2000; *International Conference on Information Systems (ICIS)* New York NY, 1991; *Canadian Information Processing Society (CIPS)* Edmonton AB, 1991.

Editor/Senior Scholar Panels: *Fall 2010 INFORMS Conference of Information Systems and Technology*, *Production Innovation and Technology Management 2008*, *Fall 2007 INFORMS Conference of Information Systems and Technology*, *Workshop on Information Systems and Economics 2006*, *Decision Sciences Institute 2006*, *Fall 2006 INFORMS Conference of Information Systems and Technology*, *Fall 2004 INFORMS Conference of Information Systems and Technology*.

Faculty Mentor, *International Conference on Information Systems Doctoral Consortium/Americas Conference on Information Systems Doctoral consortium* (various, declined).

Distinguished Research Visitor, Information Systems PhD Program and *New Faculty Symposium*, Arizona State University, 2009.

Session Leader, Memorial Session for Paul Chwelos, *Workshop on Information Systems and Economics*, Montreal QC, December 2007.

Panelist, "Nurturing Innovation and Educational Impact for Research in Information Systems"
Conference of Information Systems and Technology, Seattle WA (November 2007).

Session Chair, *INFORMS* Toronto ON, June 2009; *Production Innovation and Technology Management* San Diego CA, May 2008; *INFORMS*, Banff AB, May 2004; *Hawaii International Conference on System Sciences*, Waikoloa HI January 2007; *Canadian Operational Research Society*, Banff AB, May 2016.

Faculty Mentor, *Center for International Education & Research*, University of Washington Doctoral Consortium, June 2005.

Panelist, *The 6th Annual University of Minnesota Conference on Electronic Commerce*, University of Minnesota, 2002.

External Invitee/Panelist, *University of Minnesota Ph.D. Student Symposium*, University of Minnesota, 2002.

Conference Discussant: *International Conference on Information Systems* New York NY, 1991; Orlando FL, 1993; *Workshop on Information Systems and Economics* (frequent).

Academic Committee

Distinguished Fellow Awards Committee Member, *INFORMS Information Systems Society* (2009, 2012, 2017, 2018).

Committee Member, Chen-Nunamaker Award, *INFORMS Information Systems Society* (2015, 2016).

Committee Member, *SSHRC Doctoral Fellowship Committee-Public and Private Policy Studies* (2007-08).

Committee Member, *Conference of Information Systems and Technology Best Paper Award* (2012, 2013).

Committee Member, *Information Systems Research Review* (2013).

External Reviewer for tenure/promotion cases (many).

Award/Grant Panelist, *National Science Foundation* (2001).

Reviewer, *International Conference on Information Systems Dissertation Award* (2001); Referee for the *INFORMS/Organization Science Dissertation Contest* (1997, 1998).

Research Centre Activities

Establisher, *Informatics Research Centre (iRC)*, Haskayne School of Business, University of Calgary.