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DEGREES

The University of Western Ontario
Ivey School of Business
London, Ontario.

1987 Doctor of Philosophy in Business Administration
1984 Masters Business Administration
1981 Honours Business Administration

EMPLOYMENT HISTORY:

Professor 2016 to present
Associate Professor 1994 - 2016
Assistant Professor 1988 - 1994
Schulich School of Business
York University

Assistant Professor
School of Business and Economics
Wilfrid Laurier University, 1986 - 1988

Research Assistant
The University of Western Ontario, 1981 – 1982

Contractor (Owner/Operator) Industrial Services, 1980

Customer Service Representative
Alcan Aluminum, 1979 – 1980

Visiting and Inter University Affiliations:

- Joint Kellogg Schulich EMBA Program (2004 - 2016)
- Zaragoza Logistics Center, University of Zaragoza, Spain, 2008
- Graduate School of Business, University of Cape Town, South Africa, 2007, 2008, 2010
- Executive MBA, Sasin Institute of Business Administration, Chulalongkorn University, Bangkok , Thailand , 2001, 2002
- NIMBAS Executive MBA Program, Netherlands, 2000
- Haas School of Business, University of California at Berkeley, 1993 -94

HONOURS:

2017 Schulich Fellowship in Research Achievement
2004, 2007, 2010 - 2012 Merit Award, Schulich School of Business, York University.
1992 Outstanding Educator, Schulich School of Business, York University

Curriculum Vitae for David A. Johnston

Table Of Contents

SCHOLARLY AND PROFESSIONAL ACTIVITIES (RESEARCH).....	3
1.0 SUMMARY OF PUBLICATIONS AND SCHOLARLY CONTRIBUTIONS	3
2.0 PUBLICATIONS.....	3
2.1 Articles In Refereed Journals	3
2.2 Refereed Conference Proceedings	6
2.3 Monographs	8
2.4 Published Professional Reports	8
2.5 Curriculum Materials (Case Studies)	8
2.6 Curriculum Materials (Software and Multimedia)	10
2.7 Unpublished Professional Reports	10
2.8 Other Academic	10
3.0 PUBLIC PRESENTATIONS OF RESEARCH	11
4.0 PROFESSIONAL SERVICE	15
4.1 Associate Editor Positions	15
4.2 Recent Professional Awards	15
4.3 Conferences And Research Workshops Organized	15
4.4 Journals Reviewed For	15
4.5 Ongoing Academic Membership	16
4.6 Industry Association Affiliations	16
5.0 RESEARCH FUNDING	16
TEACHING	18
1.0 SUMMARY OF TEACHING AND TEACHING CONTRIBUTIONS	18
2.0 UNDERGRADUATE	18
3.0 GRADUATE	18
3.1 Masters Of Business Administration	18
3.2 Executive MBA	18
3.3 PhD	19
3.4 Doctoral Supervision	19
4.0 OTHER TEACHING-RELATED ACTIVITIES	19
5.0 COURSES TAUGHT AT OTHER INSTITUTIONS	19
6.0 TEACHING AWARDS	20
7.0 PEDAGOGIC INNOVATION/DEVELOPMENT OF TECHNOLOGY-ENHANCED LEARNING	20
8.0 SERVICE ON TEACHING COMMITTEES	20
9.0 PUBLICATIONS AND PROFESSIONAL CONTRIBUTIONS TO TEACHING	21
UNIVERSITY SERVICE	22

SCHOLARLY AND PROFESSIONAL ACTIVITIES¹

1.0 SUMMARY OF PUBLICATIONS AND SCHOLARLY CONTRIBUTIONS

Articles in refereed journals: 34

Papers in refereed conference proceedings: 22

Monographs: 1

Presentations in academic conferences (minus presentations for papers in proceedings, roundtables and chaired sessions, and industry association talks and seminars): 64

Conferences and research workshops Organized: 3

Associate editor positions in peer reviewed journals: 4

Curriculum materials (case studies, multimedia, software): 12

Published professional reports (public policy reports, whitepapers,): 8

Unpublished professional reports (working papers with industry): 9

Funding to date as principle investigator and co-investigator: \$1,074,267

2.0 PUBLICATIONS

2.1 Articles in Refereed Journals

- 1) Doha A., Pagell M., Swink M., Johnston D.A.. The Imitator's Dilemma: Why Imitators Should Break out of Imitation. *Journal of Product Innovation Management*. Accepted for publication August 2017.
- 2) Gölgeci, Ismail, William H. Murphy, and David A. Johnston. Power-based behaviors in supply chains and their effects on relational satisfaction: A fresh perspective and directions for research. *European Management Journal*. Accepted for publication March 2017.
- 3) Doha A., Pagell M., Swink M., Johnston D.A.. Measuring firm's imitation activity. *R&D Management*. Accepted for publication March 2016.
- 4) Pagell M., Johnston D.A., Veltri A.. Twenty First Century Production Still Starts With Safety. Sloan Management Review. *Sloan Management Review*. Winter Vol. 57 No. 2, 2016.
- 5) Tompa E., Institute for Work and Health, Pagell M., Klassen R., Johnston D.A., Shevchenko A., Sharma S.. Managing safety and operations: The effect of joint management system practices on safety and operational outcomes. *Journal of Occupational and Environmental Medicine*. Accepted for publication September 2015.

¹ CV format conforms to "SUGGESTED CURRICULUM VITAE FORMAT" from the York University Secretariat 2009.

- 6) Pagell M., Klassen R., Johnston D.A., Shevchenko A., Sharma S.. Are safety and operational effectiveness contradictory requirements: The roles of routines and relational coordination. *Journal of Operations Management*, Vol.36, May 2015, 1–14.
- 7) Knoppen D., Johnston, D.A., Sáenz M.J.. Supply chain relationships as a context for learning leading to innovation. *International Journal of Logistics Management*, Vol. 26 No. 3, 2015, 543-567
- 8) Pathak S.D., Wu H., Johnston D.A., Toward a structural view of co-opetition in supply networks. *Journal of Operations Management*, Vol.32, Iss.5, July 2014, 254-267.
- 9) Pagell M. Johnston D.A., Veltri A., Klassen R., Biehl M. Is Safe Production an Oxymoron? *Production and Operations Management*, Vol.23 Iss.7, July 2014, 1161–1175.
- 10) Longoni A., Pagell M., Johnston, D.A., Veltri A.. When does lean hurt? – an exploration of lean practices and worker health and safety outcomes. *International Journal of Production Research*. Vol.51 Iss.11, 2013, 3300-3320.
- 11) Veltri A., Pagell M., Johnston, D.A., Amik B.. Understanding safety in the context of business operations: an exploratory study using case studies. *Safety Science*, Vol. 55, 2013, 119–134.
- 12) Hamann R., Giamporcaro S. Johnston, D.A. Yachkaschi S.. The role of business and cross-sector collaboration in addressing the ‘wicked problem’ of food insecurity. *Development South Africa*, Vol. 28 Iss. 4, 2011, 579-594.
- 13) Knoppen D., Sáenz M.J., Johnston D.A.. Innovations in a relational context: mechanisms to connect learning processes of absorptive capacity in supply chains. *Management Learning*, Vol. 42, Iss. 4, 2011, 419-438.
- 14) Johnston D.A., Kristal M.. The climate for cooperation: buyer - supplier beliefs and behavior. *International Journal of Production and Operations Management*, Vol. 28 Iss: 9, 2008, 875 – 898. (Emerald Literati Award of Excellence Winner 2008).
- 15) Johnston D.A., Michael Wade M., McClean R.. Does E-business matter to smes? a comparison of the financial impacts of internet business solutions on European and North American SMEs. *Journal of Small Business Management*, Vol. 45 Iss. 3, 2007, 354-361

- 16) Biehl M., Cook W., Johnston D.A.. The efficiency of joint decision making in buyer-supplier relationships, *Annals of Operations Research*, Vol.145 Iss. 1, 2006, 15 - 34.
- 17) Johnston D.A., Lorna Wright L., The E-business capability of small and medium sized firms in international supply chains. *Information Systems and e-Business Management*. Vol.2 Iss. 2-3, 2004, 223-240.
- 18) Johnson W.H.A., Johnston D.A.. Organizational knowledge creating processes and the performance of university-industry collaborative r&d projects. *International Journal of Technology Management*. Vol. 27, No. 1, 2004, 93-114.
- 19) Wade M. Johnston D.A., and McClean R.. Exploring the net impact of internet business solution adoption on sme performance. *International Journal of Electronic Business*, Vol. 2 Iss. 4, 2004, 336-350.
- 20) Johnston D.A., McCutcheon, D.M., Stuart I., Kerwood H.. Effects of supplier trust on performance of cooperative supplier relationships. *Journal of Operations Management*, Vol. 22 Iss.1, 2004, 23-38.
- 21) Johnson W.H.A., Johnston D.A.. Aligning technical and business goals in industry-university collaborative projects: a tale of two projects. *Engineering Management Journal*, Vol. 13 Iss.1, 2001, 23-27.
- 22) Johnston D.A., Linton J.. Social networks and the implementation of environmental technology. *IEEE Transactions on Engineering Management*, Vol. 47 Iss. 4, 2000, 465 – 477.
- 23) Linton, J., Johnston D.A.. A decision support system for planning remanufacturing at Nortel Networks. *Interfaces*, Vol. 30 Iss. 6, 2000, 17-31.
- 24) Dimnik T., Johnston D.A.. Manufacturing managers and the adoption of advanced manufacturing technology. *OMEGA*, Vol. 21 Iss. 2, 1993, 155–162.
- 25) Cook W., Johnston D.A., Kress M.. Selecting a new technology strategy using multiattribute, multilevel decision trees. *Journal of Multi-Criteria Decision Analysis*, Vol. 2, Iss. 3, 1993, 129–144.
- 26) Cook W., Johnston D.A.. Evaluating alternative suppliers for the development of complex systems: a multiple criteria approach. *Journal of the Operations Research Society*, Vol. 43 Iss. 11, 1992, 1055-1061.
- 27) Cook W., Johnston D.A., McCutcheon, D.. Implementation of robotics: identifying efficient implementors using data envelopment analysis. *OMEGA*, Vol. 20 Iss. 2 1992, 227-239.

- 28) Johnston D.A.. Evaluating opportunities for production/operations management education using computer aided learning." *Operations Management Review*, No. 3-4, 1991, 1-9
- 29) Johnston D.A., Leenders M.. The diffusion of innovation within multi-unit firms. *International Journal of Operations and Production Management*, Vol. 10, Iss. 5, 1990, 15-24.
- 30) Johnston D.A., D. McCutcheon D., Planning the implementation of new technology. *Operations Management Review*, October, 1988,1-7.
- 31) Johnston, D.A.. Continuous technological improvement in mining operations. *Centre for Resource Studies Perspectives*, Centre for Resource Studies, Kingston, Canada, Winter 1988,1-3.
- 32) Britney, R.R., Kudar, R.P., Johnston D.A., Walsh J.. A comparison of international productivity centers." *The National Productivity Review* Vol. 6, Iss. 1, 1986, 71–76.
- 33) Britney R.R., Kudar, R.P., Johnston D.A., Walsh J.. Contemporary productivity measurement for general management. *Harvest*, Vol. 9, Iss. 6, 1985, 10-15.
- 34) Britney R.R., Kudar R.P., Walsh J., Johnston D.A., Legentil J.M.. Planning for productivity: a management perspective. *The Business Quarterly*, Ivey School of Business, Winter, 1983, 38-42.

2.2 Refereed Conference Proceedings

- 1) Johnston D.A., Diamant A.. How surgeons schedule: an exploration of discretion in the delivery of a complex professional service. EUROMA Annual Conference, 2017, Edinburgh, Scotland. July 1-5 2017.
- 2) Shevchenko A., Lévesque M., Pagell M., Johnston D.A.. Towards a better understanding of supplier risk management: a mixed method study. EUROMA Annual Conference, 2017, Edinburgh, Scotland. July 1-5 2017.
- 3) Pagell M. Klassen R.D., Johnston D.A., Shevchenko A., Sharma S.. Is the relationship between safe and operationally effective a dualism or a duality. Annual Meeting of the Academy of Management, Philadelphia PA USA August 1 – 5 2014.
- 4) Johnston D.A., Pagell, M., Veltri, A., Klassen, R.. Ends versus means in achieving sustainable operations: case studies on the impact of managerial values on safe operations outcomes. EurOMA Annual Conference, 2013, Dublin, Ireland. July 7-11 2013.

- 5) Pagell, M., Johnston D.A., Veltri, A., Klassen, R.. Are safe human resources productive human resources? Exploring how firms manage safety and operations” with Pagell, M., Veltri, A., Klassen, R.. Euroma/POMS Joint Annual Meeting 2012, Amsterdam, Netherlands. July 1-5 2012
- 6) Knoppen, D., Sáenz, M., Johnston D.A.. “Supply Chain Relationships as a Context for Learning: Connecting Inter- and Intra-organizational Learning Processes” with Euroma/POM 2012, Amsterdam, Netherlands. July 1-5 2012.
- 7) Longoni, A., Pagell, M., Johnston D.A., Veltri, A.. Lean work environments and their impact on worker and operational outcomes” with Euroma/POM 2012, Amsterdam, Netherlands. July 1-5 2012
- 8) M. Pagell, Johnston D.A., Klassen R., Biehl M.. Is safe production an oxymoron? Evidence from ten case studies. Decision Sciences Institute Annual Meeting 2011, Boston Massachusetts, USA, November 19-22 2011. **BEST PAPER SUSTAINABILITY TRACK.**
- 9) Knoppen D., Johnston, D.A., Sáenz M.J.. Relational absorptive capacity: the capability to innovate in supply chain relationships.” Academy of Management Annual Conference, Chicago, USA, August 7-12 2009.
- 10) Knoppen D. ; Sáenz, M. J. ; Johnston, D. Relational absorptive capacity: preliminary empirical evidence for a relational theory of absorptive capacity in supply chains. Organizational Learning Knowledge and Capabilities (OLKC) Conference, Amsterdam, April 26-28 2009.
- 11) Johnston D.A., Pagell M.. Health & safety and operational practices and outcomes: towards a multiple stakeholder perspective. Decision Sciences Institute Annual Meeting 2007, Phoenix Arizona, USA. November 18-20 2007. **BEST PAPER_ SUSTAINABILITY TRACK**
- 12) Pagell M., Z., Johnston D.A.. Best practices in sustainable supply chain management: building theory using case studies” Academy of Management, Philadelphia, USA August 7-12 2007.
- 13) Johnston D.A., Pagell M.. The relationship between health and safety and operational best practice in sustainable organizations. European Operations Management Society (EurOMA) Ankara Turkey June 26 -29 2007.
- 14) Nevo S., Wade M., Cook W. Johnston D.A.. Internal vs. external it capabilities: when to hire it consultants?”, with *The Americas Conference on Information Systems (AMCIS)*, Omaha, NB, August 2005.
- 15) Johnston D.A., Wright L.. Empirical evidence as to the capability of small and medium

sized firms to participate in international supply chains through the internet. Supply Chain Transformation In The E-business Environment: Issues Solutions, and The Future Conference November 17, 2003, Toronto Canada. **BEST PAPER AWARD**

- 16) Peng H.S., Buzacott J.A., Johnston, D.A., Risk Sharing Partnership and Information Asymmetries. MSOM 2000 Multi-Echelon Inventory Conference, University of Michigan, Ann Arbor, USA, June 25th 2000.
- 17) Johnston D.A., Kerwood H.. Cooperation between canadian customers and suppliers: an empirical cross section of their differing beliefs. The Ninth International Annual IPSERA Conference Third Annual North American and the Third Worldwide Research Symposia on Purchasing and Supply Chain Management, Toronto, Canada, May 25 2000.
- 18) Johnston D.A.. The intra-organization diffusion of incremental innovation: an overlooked area of research on operating improvement. Administrative Sciences Association of Canada 1989 Conference, Montreal. June, 1989, 120-128.
- 19) Johnston D.A., Britney R.R., Kudar R.P.. Researching productivity: cost, quality and flexibility in supplier relationships. Second International Conference on Productivity Research, Miami. February 1989, 225-232.
- 20) Britney R.R., Johnston D.A., Kudar R.P.. By the day, week or term: effective integrative productivity education for managers. Second International Conference on Productivity Research, Miami, Florida USA, February 1989, pp.453-460.
- 21) Britney R.R., Kudar R.P., Johnston D.A., Walsh J.. Management Issues for Evaluating Productivity Measurement Models." Proceedings of the 1986 National Decision Science Institute Annual Meeting, Honolulu, Hawaii, USA, November 1986, 152-154.
- 22) Kudar R.P., Britney R.R., Johnston D.A., Walsh J.. The interface between productivity and profitability measurement. Proceedings of the 1986 National Decision Science Institute Annual Meeting, Washington DC, USA November 1986, 291-294.

2.3 Monographs

Britney R.R., Kudar R.P., Johnston D.A., Walsh J., *International Directory of Productivity Centers 1984/85*. Research and Publications, University of Western Ontario, School of Business, July 1984.

2.4 Published Professional Reports (Public Policy, Industry Whitepapers)

- 1) "Net Impact Canada 2006" with Michael Wade, Cisco Systems an www.illuminas-global.com, Fall 2006.

- 2) "The Impact of the Canada – USA Border on the Growth of the North American On-Line Marketplace" Industry Canada, September 2005
- 3) "Net Impact Canada IV: Strategies for Increasing SME Engagement in the e-economy" with Ron Mclean and Michael Wade, The Canadian e-business Initiative, <http://www.cebi.ca/> September 2004
- 4) "Net Impact Canada III: Overcoming the Barriers" with Ron Mclean and Michael Wade, The Canadian e-business Initiative, <http://www.cebi.ca/> May 2004
- 5) "Net Impact Study: The International SME Experience", with Ron Mclean and Michael Wade, The Canadian e-business Initiative , <http://www.cebi.ca/> and Industry Canada, May 2003.
- 6) "Net Impact Study: The SME Experience", with Ron Mclean and Michael Wade, The Canadian e-business Initiative , <http://www.cebi.ca/> and Industry Canada, November 2002.
- 7) "Manufacturing Competitiveness: People, Products and Processes", Interactive Multimedia Computer Aided Learning System, Faculty of Administrative Studies, York University, Spring 1991. Working Paper Series
- 8) "Management of Technology Transfer Processes" Version 1.0 database of annotated bibliographic references and critiques. Faculty of Administrative Studies, York University, Spring 1991. Working Paper Series

2.5 Curriculum Materials (Case Studies)

All cases have been used in support of teaching in various university and professional association programs. The cases that have been published or made available through conferences proceedings are so indicated.

- 1) "Sustainability at the Canadian Parcel Express Corporation" York University, Schulich School of Business, 2007
- 2) "Internet Banking at CIBC" York University, Schulich School of Business, 1997
- 3) "Apex Finance Canada / DRCC Alliance", York University, Schulich School of Business, 1997. Published with permission by Supply Chain Management Professional (formerly the Purchasing Management Association of Canada).
- 4) "Bank of Toronto" York University, Schulich School of Business, 1996. Presented with WHA Johnson at the Administrative Studies Association of Canada (ASAC) annual conference 1997.
- 5) "Zeneca Environmental Services" York University, Schulich School of Business
- 6) "Allelix Biopharmaceuticals" York University, Schulich School of Business, 1996
- 7) "Defects Per Thousand" York University, Faculty of Administrative Studies, 1993.
- 8) "Schmitt Optical (C)" York University, Faculty of Administrative Studies, 1991.
- 9) "Brunswick Mining (A) (B) (C) and (D)", York University, Faculty of Administrative Studies, 1990.
- 10) "Drug Distribution at Victoria Hospital" Ivey School of Business Publishing, 1986. Subsequently published as chapters in "Cases in Production/Operations Management." R.W. Schmenner (eds.), SRA Inc., 1986, pp. 324-338.
- 11) "Schmitt Optical (A) Ivey School of Business Publishing, 1986. Subsequently

published as chapters in "Cases in Production/Operations Management." R.W. Schmenner (eds.), SRA Inc., 1986, pp. 109-124.

2.6 Curriculum Materials (Software And Multimedia)

Littlefield Laboratories On-line Operations Management Simulation Roles Version. Online Operations management simulation developed with Responsive Learning Technologies Inc. 2013. Prototype version currently used in Kellogg Schulich EMBA Operations Management course.

Interactive Multimedia Computer Aided Learning (IMCAL) System for Developing Strategic Manufacturing Thinking" Prototype learning system for York University IBM Program, 1992.

2.7 Unpublished Professional Reports

The following studies were written and presented in support of a university/industry collaboration with Nortel Networks between 1992-1998 on improving process planning in manufacturing (See also Research Funding). Each involved a report and presentation to management. Those with a "*" involved graduate student education in the implementation of research and report writing. Those modified and presented in academic forums are so indicated.

- 1) "The Competitive Lifecycle of a Factory" Technical Paper, 1995.
- 2) "Interactive Multimedia Systems for Rapid and Collaborative Business Planning" Report to Nortel Management, 1995
- 3) "Integrating Operational Planning With Appropriate Digital Technologies" Report to Management, 1995
- 4) "Analysis of Customer Service Levels in the Like for Like Replacement Program" Technical Paper, 1994 *
- 5) "Merchandise Order Processing Analysis" Technical Paper, 1994. *
- 6) "Improved Planning in Manufacturing Cells " Technical Paper and Production Operations Management Society Annual Conference Proceedings, 1993
- 7) "The Internal Measurement of Quality" Technical Paper, 1993.
- 8) "Due Date Performance Measurement in a Customer Service Operation." Technical Paper, 1993. *
- 9) "Analysis of Causes of MRP Instability." Technical Paper, 1993.

2.8 Other Academic Publications

- 1) "A reminiscence of the GMRG 2014 meeting in Toronto". Global Manufacturing Research Group Newsletter, September 2014.
- 2) "An Interactive Multimedia Computer Aided Learning System for Developing Strategic Manufacturing Thinking" Technical Paper series, Center for Computers in Education, York University, July 1992.

- 3) "Lesson Learned Developing An IMCAL System," Technical Paper series, Center for Computers in Education, York University, November 1991.

3.0 Public Presentations Of Research

(Excluding for Refereed Conference Papers, Roundtables, Industry reports and Chairing Sessions)

- 1) "Managing safety in the context of operations: the effect of joint management system practices on safety and operational outcomes." with Robson L, Tompa E, Sarnocinska-Hart A, Klassen R, Shevchenko A, Sharma S, Hogg-Johnson S, Amick BC, Johnston DA, Veltri A, Pagell M Canadian Association for Research on Work & Health 2016, Toronto, Ontario, October 16-18, 2016.
- 2) Managing Safety and Operations: The Effect of Joint Management system Practices on Safety and Operational Outcomes, with Robson L, Tompa E Presentation to IWH Prevention Knowledge Exchange Group, Toronto, Ontario, June 3, 2016.
- 3) "Safe Workplace and Operational Performance: Complementary or Conflicting Outcomes?" with Mark Pagell, Robert D. Klassen, Anton Shevchenko and Sharvani Sharma. Annual Meeting of Production Operations Management Society May 9-14 Atlanta, Georgia USA May 9-24 2014
- 4) "The Performance Implications of Managing Operations and Safety Jointly" with Mark Pagell, Robert D. Klassen, Anthony Veltri, Annachiara Longoni. Decision Sciences Institute Annual Meeting 2013, Baltimore Maryland, USA. November 16 2013.
- 5) "The Impact of Strategic Decisions and Supply Network Resiliency" with Y Chen, D. Dilts, K. Linderman, Y. Kim, W. Sawaya. Decision Sciences Institute Annual Meeting 2011, Boston Massachusetts USA. November 19-22 2011.
- 6) "Great Customer, Great Supplier: What we Know About What Matters in Effective Supply Relationships" Canadian Electrical Association "Best Practices in the Supply Chain" Workshop, Toronto June 13 2011
- 7) "Measuring Worker Well Being." With Steven Dobson and Mark Pagell, Decision Sciences Decision Sciences Institute Annual Meeting 2010, San Diego, USA. November 18-20 2010.
- 8) "It's Complicated: How a Complex Adaptive Systems Perspective Can Help Unravel Complex Situations." with Surya Pathak, Decision Sciences Decision Sciences Institute Annual Meeting 2010, San Diego, USA. November 18-20 2010
- 9) "The Safety Case For Business: A Multi-Stakeholder Examination of Best Practices and Health and Safety Outcomes Version 2." with Mark Pagall, Emile Tompa, Markus Biehl, Robert Klassen, Anthony Veltri, Sheilah Hogg-Johnson, Lynda Robson & Benjamin Amick. Canadian Association for Research on Work and Health Conference (CARWH) 2010: Worker Health in a Changing World of Work. Toronto Canada, May 28-29, 2010.
- 10) "Cooperation Between Competitors in Supply Networks: A Model of A Complex Adaptive System" with Surya Pathak, Decision Sciences Annual Conference, New Orleans, November 14 2009.

- 11) "Safe Operations: Multi Stakeholder Examination of Operational Practices and Health and Safety Outcomes" with Markus Biehl, Rob Klassen, Mark Pagell, Anthony Veltri, Decision Sciences Annual Conference, New Orleans, November 12 2009.
- 12) "Leveraging Networks To Solve Difficult, Long Term Problems" HealthCare Leaders' Association Annual Conference, Vancouver, October 19 2009
- 13) "Canadian Green Supply Chain Management Report" Supply Chain and Logistics Association, Toronto, September 24 2009.
- 14) "The Safety Case For Business: A Multi-Stakeholder Examination of Best Practices and Health and Safety Outcomes" with Mark Pagall, Emile Tompa, Markus Biehl, Robert Klassen, Anthony Veltri, Sheilah Hogg-Johnson, Lynda Robson & Benjamin Amick. Industrial Accident and Prevention Association (IAPA) Annual Conference April 20 2009.
- 15) "Relational absorptive capacity: preliminary empirical evidence for a relational theory of absorptive capacity in supply chains." With D. Knoppen,, MJ Sáenz, Organizational Learning Knowledge and Capabilities (OLKC) Conference Amsterdam. May 2009
- 16) "Relational Absorptive Capacity: The Capability to Innovate in Supply Chain Relationships". with D Knoppen, MJ Sáenz, , HOPS Conference, Lausanne, September 2008.
- 17) "Buyer Supplier Relationships, Trust and the Sustainability of Supply Chains" University of Groningen, Groningen, Netherlands May 24 2008.
- 18) "Sustainable Operations: Synergies and Tradeoffs" School of Business ESADE, Barcelona, Spain, May 5 2008
- 19) "Sustainable Operations: Synergies and Tradeoffs" Graduate School of Business, University of Capetown, Capetown, South Africa , February 21 2008.
- 20) "Climbing the Pyramid: Growing Small Enterprises through New Technologies and Technology Transfer" Small Enterprise Development Agency, Pretoria, South Africa, January 28 2008.
- 21) "The Health and Safety Case In Operational Best Practice" 2007 Business and Engineering Summer Institute, Minerva Canada, May 30 2007.
- 22) "Health and Safety and Sustainability." Invited presentation, Production Operations Management Society 18th Annual Conference, Dallas, Texas, USA, May 6 2007
- 23) "Sustainable Practices for Supply Chain Managers" with M. Biehl, My Kristal, M Pagell, Supply Chain and Logistics Association Canada, Research Forum, Toronto, Canada. April 29 2007
- 24) "The Impact of On-Line Technologies on Building the Competitive Capabilities of Small and Medium Sized Businesses" with D. Pupulin, M. Wade. Decision Sciences Institute Annual Meeting 2006, San Antonio, Texas , USA. November 18-20 2006
- 25) "Antecedents of Supplier – Buyer Collaboration Processes" with Bedour Osman, Decision Sciences Institute Annual Meeting 2006, San Antonio Texas , USA. November 18-20 2006

- 26) "Supply Chain Cooperation: The Impact of Trust and Relationship Management Practices on Performance" Supply Chain and Logistics Association Canada, Research Forum, Toronto, Canada. May 8 2006
- 27) "Holding the Line to Align Online: How SMBs Balance Capabilities to Achieve Competitive Advantage." Production Operations Management Society 17th Annual Conference, Boston, Massachusetts, May 1 2006.
- 28) "Exploration and Exploitation in Buyer-Supplier Relationships" , Production Operations Management Society 17th Annual Conference, Boston, Massachusetts, April 27 2006.
- 29) "Sharing Information in Highly Competitive Industries to Improve Supply Chain Performance", Supply Chain And Logistics Research Forum, Toronto, Canada, May 10 2005.
- 30) "Do Customers and Suppliers Really Believe that Supply Chain Cooperation is Strategic", Production Operations Management 16th Annual Conference, Chicago, USA. May 1 to 3 2005.
- 31) "Why and How SMEs Adopt Networked Technologies" ICT Adoption and Competitiveness of SMEs in Canada and Central America, Institute for Connectivity in the Americas, Ottawa, Canada, April 6 2005
- 32) "How to Build Industry Wide Cooperation to Improve Supply Chains "Decision Sciences Institute Annual Meeting 2004, Boston , Massachusetts , USA. November 19-22 2004.
- 33) "Building Transactive Memory to Improve Supply Chain Coordination", with Dorit Nevo and Ron Ophir, Decision Sciences Institute Annual Meeting 2004, Boston , Massachusetts , USA. November 19-22 2004.
- 34) "The Participation of Small and Medium Sized Firms in International Supply Chains through Electronic Networks" Production Operations Management 2nd World Conference, 15th Annual POMS Conference, Cancun , Mexico. May 1 2004.
- 35) "The Contingency Nature of Supplier Trust on Performance in Highly Cooperative Relationships" with D. McCutcheon. Production Operations Management 2nd World Conference, 15th Annual POMS Conference, Cancun , Mexico. May 1 2004.
- 36) "Empirical Evidence as to the Capability of SMEs To Participate in International Supply Chains through the Internet" with Lorna Wright., Lally School of Management and Technology, Troy, New York, USA, October 3 2003
- 37) "The Internet: Barrier or Benefit for Small and Medium Sized Enterprises Exporting?" with Lorna Wright, APEC SME Forum, Chaing-Mei, Thailand. August 4 2003.
- 38) "E-Supply Chains and the Participation of Small and Medium Sized Firms Production Operations Management Conference," Savannah, Georgia, USA. April 6 2003.
- 39) "Trust Development in Buyer-Supplier Relationships" with D. McCutcheon and I. Stuart. Production Operations Management Conference, Savannah, Georgia, USA. April 5 2003.
- 40) "Net Impact Canada: The SME Experience" 24th McMaster World Congress Management of Electronic Business Agenda, Hamilton, Canada. January 17 2003.
- 41) "SMEs and the Internet: Barriers and Benefits Doing Business With

- 42) "Canadians Over The Internet" with Lorna Wright at China Canada Business Council Annual General Meeting, Beijing, China November 28, 2002.
- 43) "The Impact of B2B Exchanges on Supply Chain Management" with Markus Biehl, INFORMS, San Antonio, November 7 2000
- 44) "Project Coordination Under Information Asymmetries" with Steven Peng and John Buzacott, INFORMS, San Antonio, November 7 2000
- 45) "Is Cooperation Strategic in Supply Chain Relationships" with Hazel Kerwood, INFORMS, Philadelphia, November 10 1999.
- 46) "Implementation of Involuntary Innovation" with Jonathan Linton, INFORMS, Philadelphia, November 10 1999.
- 47) "Cooperation Between Buyers and Suppliers: What Works and What Doesn't" 1998 Annual Purchasing Management Association Conference, June 1998.
- 48) "Simulating Reverse Distribution to Facilitate Logistics Decision Making" with Jonathan Linton, INFORMS, Dallas, October 29 1997.
- 49) "Multimedia Applications in Operations Management" Canadian Operations Research Society, Toronto Chapter, February 28 1995.
- 50) "Integrated Operations Planning Using Digital Technology" INFORS Special Conference on Digital Technologies and Operations Research, Los Angeles, California, January 17 1995.
- 51) "Continuous Reengineering" Business Process Reengineering Conference, Toronto, December 4 1992.
- 52) "Improved Manufacturing Cell Performance Using Appropriate Information Technologies" ORSA/TIMS Conference, San Francisco, November 7 1992.
- 53) "An Interactive Multimedia System for Learning about Manufacturing Strategies" ORSA/TIMS Conference, San Francisco, November 7 1992.
- 54) "Appropriate Information Technologies Result in Rapid Customer Turnaround in Manufacturing Cells" Production Operations Management Conference, Orlando, Florida, October 1992.
- 55) "Learning Strategic Manufacturing Thinking: An Industry/University Collaboration in Interactive Multimedia." Production Operations Management Conference, Orlando, Florida, October 1992.
- 56) "Intra-Firm Transfer of Technology: An Incentives and Transactions Cost Model" Production Operations Management Conference, Orlando, Florida, October 1992.
- 57) "Interactive Multimedia For Learning How to Formulate Strategy," 7th Annual Conference on Computers and Legal Education, Toronto, June 19 1992.
- 58) "How Top Management Leads Continuous Improvement", ASAC Conference 1992, Production/Operations Management Division, Quebec City, June 8 1992.
- 59) "Models to Aid Decision Making in the Transfer of Technology" with Wade Cook, Canadian Operations Research Society, Toronto, June 3 1992.
- 60) "Lesson Learned Implementing Interactive Multimedia." Presented at IBM Canada, Multimedia Seminar, January 30 1992.
- 61) "Using Interactive Multimedia to Teach Manufacturing Strategy." Presented to the School of Business, Wilfrid Laurier University, January 29 1992.
- 62) "Manufacturing Competitiveness: A Interactive Multimedia Computer Aided System for Production/Operations Management", presented to the School of Business,

- Queens University, November 24 1991
- 63) "Implementation of Robotics: Identifying Efficient Implementers Using Data Envelopment Analysis", presented with W. Cook, Canadian Operations Research Society, Ottawa, May 1990.
- 64) "Technology Transfer Strategies", Pulp and Paper Institute of Canada, Montreal, March 1990

4.0 PROFESSIONAL SERVICE

4.1 Associate Editor Positions

Production Operations Management
 Journal of Supply Chain Management
 International Journal of Production and Operations Management (Editorial Board)
 Operations Management Review

4.2 Recent Professional Awards

Best Associate Editor, Journal of Supply Chain Management, 2015.
 Best Conference Paper Reviewer, Academy of Management, Operations Management Division, 2011.

4.3 Conferences And Research Workshops Organized

- 1) Global Manufacturing Research Group Annual Meeting 2015, Schulich School of Business, York University, Toronto, Canada May 4-6 2014,.
- 2) North American Themed Practice Showcase Session, Decision Sciences Annual Meeting, San Francisco, California. USA, November 17-20 2012.
- 3) "New Technologies for Communicating and Analyzing Manufacturing Competitiveness: A Demonstration of Interactive Multimedia and Simulation York University, 25th Anniversary event for the Faculty of Administrative Studies. June 6 1991.

4.4 Journals Reviewed For

Journal of Operations Management
 Production Operations Management
 Journal of Supply Chain Management
 Operations Management Review
 Production Operations Management
 Decision Sciences
 Journal of Small Business Management
 International Journal of Operations and Production Management
 Technovation
 Journal for the Association of Information Systems
 Academy of Management Operations Management and Technology and Innovation Divisions
 European Operations Management Association

4.5 Ongoing Academic Membership

Production Operation Management Society (POMS)
 Decision Sciences Institute (DSI)
 European Operations Management Association (EUROMA)
 Academy of Management
 Center For Complex Supply Networks, WP Carey School of Business, Arizona
 State University
 Global Operations Management Group

4.6 Industry Association Affiliations

The Purchasing Management Association of Canada, (1990 – 2001), educational
 advisor
 Minerva Canada (Health And Safety) 2006-present, research associate
 Supply Chain Management Association Canada (SCL) 2004 -present, educational
 advisor

5.0 RESEARCH FUNDING

- 1) York University Faculty Association, "Learning Collaborative Decision Making Through Role Playing Using On Line Simulations" Term: 2014-2016 Amount: Teaching release and \$2,500 travel grant. Principle Investigator.
- 2) Workplace Safety and Insurance Board of Ontario (WSIB). "The safety case for business: A multi-stakeholder examination of best practices and health and safety outcomes". Term: 2008-2013 Amount: \$387,300. Co-investigator.
- 3) SSHRC General Operating Grant, "Sustaining The Advantage: A Resource-Based Examination Of Internet Business Solution Adoption And Use Among Canadian SMEs" Term: June 2005-2008 Amount \$65,845. Co-investigator.
- 4) Cisco Corporation Thought Leadership Program, "International Net Impact Study" Term: 2005/2006 Amount: \$75,000 USD. Co-Investigator.
- 5) SSHRC Initiatives in the New Economy – "International SME Development through Electronic Communities of Practice", Program Term June 2002 – 2004, Amount: \$47,000. Principle Investigator.
- 6) Northern Telecom University Interaction Program – "Improved Business Process Planning and Analysis" Program, Term 1995 - 2005, Amount: \$150,000. Principle Investigator.
- 7) University Research Initiatives Fund (URIF) "Design of Anticipative Manufacturing Planning and Control Systems", Program Term: 1995 - 2000, Amount: \$145,622. Principle Investigator.
- 8) Northern Telecom University Interaction Program - Manufacturing Thrust Grant, "Improved Capacity Utilization and Forecasting" Program, Term 1992 - 2005, Amount: \$164,000. Principle Investigator.
- 9) NSERC Operating Grant, "Development of Analytic Models of Technology Transfer", Grant Term: 1990 - 1993, Amount: \$34,500. Principle Investigator.

- 10) SCOTL Teaching Award, "Developing an Interactive Multimedia Computer Aided Instruction Program", Term: 1990 - 1991 Amount: \$25,000 (teaching buy out for one term). 9) Principle Investigator
- 11) SCOTL Research Grant, "Modeling an Approach to Interactive Multimedia CAI," Term: 1990 - 1991, Amount: \$2,500. Principle Investigator.
- 12) York University /IBM Project Grant, computer hardware and industry support, value not disclosed 1990-1992.

TEACHING

All course marked were designed and taught for the first time by D.A. Johnston except where noted. Most courses require modification yearly such that only the year that the course was first offered is noted. "ONGOING" indicates that the course continues to be offered and D.A. Johnston continues to teach the course although not always as the sole instructor.

1.0 SUMMARY OF TEACHING AND TEACHING CONTRIBUTIONS

Undergraduate Course Designed and Taught:	1
Graduate Courses Designed and Taught (MBA):	8
Graduate Courses Designed and Taught (EMBA):	2
Graduate Courses Designed and Taught (PHD):	3
PhD Graduate Students Supervised:	5

2.0 UNDERGRADUATE

Service Operations (OMIS 4300 BBA Program) 2013 ONGOING

3.0 GRADUATE

3.1 Masters Of Business Administration

- 1) Design, Control and Improvement of Organizational Processes (IMBA 5204 International MBA Program) 2015 ONGOING
- 2) Managerial Decision Analysis (IMBA 5002 International MBA program) 2014 ONGOING
- 3) Supply Chain Management (OMIS 6560 MBA Program) 1999 ONGOING
- 4) Service Operations (OMIS 6300 MBA Program) 2014
- 5) Managing New Technology (OMIS 6700 MBA Program) 1995 ONGOING
- 6) Managing in a Networked Environment (Joint International MBA OM/MIS course) 2002 DISCONTINUED
- 7) Operations Management (OMIS 5210 MBA program) 1994 ONGOING
- 8) Global Operations Management (OMIS 6500 MBA program) 1996

3.2 Executive MBA

- 1) Operations Management (Joint Kellogg/Schulich EMBA program) 2004 ONGOING
- 2) Strategic Management of Technology (Joint Kellogg/ Schulich EMBA program) 2003 DISCONTINUED

3.3 PhD

- 1) Strategic Management of Operations Management (OMIS 7100 PhD Program) ONGOING
- 2) Empirical Methods in Operations Management (OMIS 7300 PhD program)
- 3) Management of Technological Innovation (OMIS 7200 PhD program) ONGOING
Co-designed and taught with MIS professors.

3.4 Doctoral Supervision

Supervised five doctoral students since 1994 who have successfully completed their degrees with the following thesis titles and completion dates:

- 1) Jonathan Linton, *Implementing environmentally friendly process technology: A network approach*, April 24 1997.
- 2) William H. Johnson, *Technological innovation and knowledge creation: A study of the enabling conditions and processes of knowledge creation in collaborative R&D Projects*, July 17 2000.
- 3) Steven Peng, *Risk Sharing and Coordination in a New Aircraft Project*, February 8 2002
- 4) Bedour Osman, *Antecedents to Effective Collaboration to Innovate*, November 15 2004.
- 5) Altay Aksulu, *Hidden And Surreptitious Adoption Of Organizational Information Technology Solutions*, May 9 2013

I have served on nine dissertation committees and chaired three dissertation defenses in Organizational Behavior and Operations Management. I have supervised one Masters Thesis in the Faculty of Environmental Studies in 2013.

4.0 OTHER TEACHING-RELATED ACTIVITIES

- 1) Design and teach the “Strategic Supply Management” and “Aligning Supply Goals” module in the Masters Certificate in Supply Chain Management course for the Center for Supply Chain & Logistics Management for the Schulich Executive Education Center (SEEC). 2004 ONGOING
- 2) Design and teach the “Managing New Technology Module” for the Schulich Mini-MBA program, SEEC. 2013 ONGOING
- 3) Designed and taught the Managing Technology and Risk modules for SEEC In – house programs. 2011-2015

5.0 COURSES TAUGHT AT OTHER INSTITUTIONS

- 1) At the Sasin Institute of Business Administration, Chulalongkorn University, Bangkok, Thailand, Joint Sasin/Kellogg Business School EMBA, Operations Management

2001, 2002.

- 2) NIMBAS Executive MBA Program, Netherlands, Operations Management, 2000.
- 3) At Haas School of Business, University of California at Berkeley 1994:
 - a) Management of Technology (joint Engineering and Business Management of Technology Program)
 - b) Operations Strategy for Service and Manufacturing

6.0 TEACHING AWARDS

2004, 2007, 2010 - 2012 Merit Awards, Schulich School of Business. This award refers to outstanding service to the faculty including teaching and curriculum development in addition to research. Award was discontinued in 2013 as part of the York University collective agreement.

1992 Best Educator Award, Faculty of Administrative Studies (now Schulich), York University.

7.0 PEDAGOGIC INNOVATION/DEVELOPMENT OF TECHNOLOGY-ENHANCED LEARNING

"Littlefield Laboratories On-line Operations Management Simulation (Roles Version)." Online Operations management simulation developed with Responsive Learning Technologies Inc. in 2013. Prototype version currently used in Kellogg Schulich EMBA Operations Management course. Current research support by YUFA Teaching Development Grant (See Research Funding Section)

Interactive Multimedia Computer Aided Learning (IMCAL) System for Developing Strategic Manufacturing Thinking." Prototype learning system for York University IBM Program, 1992. (See citations in Scholarly and Professional Contributions and Research Funding)

8.0 SERVICE ON TEACHING COMMITTEES

Chair (2008-2011) and Member of Student Affairs Committee (2008-2015)

Served on MBA Curriculum Review Committee which designed the current core course structure of the Schulich MBA program in 1991.

9.0 PUBLICATIONS AND PROFESSIONAL CONTRIBUTIONS TO TEACHING

Please see the citations under PUBLICATIONS (Section 2.1 Item 3, Section 2.8 items 2 and 3) and PRESENTATIONS (Section 3.0 Items 47,53,55,58,59,60).

UNIVERSITY SERVICE

I have served in various administrative roles within the Operations Management and Information System (OMIS) Area of the Schulich School of Business. This includes; acting area coordinator, the lead on hiring new faculty for the area and the preparation of tenure and promotion files. The roles below refer to formal positions with the Schulich School of Business and York University.

- 1) Deputy Chairperson, Faculty Council, Schulich School of Business, York University (2010 – ongoing)
- 2) Member, Student Affairs Committee (2011 – ongoing)
- 3) Chairperson, Student Affairs Committee, Schulich School of Business, York University (2008 – 2010)
- 4) Member, Senate Tenure and Promotion Committee, York University (2005-2007)
- 5) York University Senate Representative 2002/2003
- 6) PhD Director for OMIS area, Schulich School of Business (1995-2007)
- 7) Schulich representative on the York University Senate 2003/2004
- 8) Member, President's Task Force on York Research Centers 1998
- 9) Member, York Senate Committee on Research 1997-98.
- 10) Member, MBA Committee 1989 – 1994
- 11) Member, Faculty of Administrative Studies Tenure and Promotion Committee (1990-1992 ,1995- 1998)