

Stéphane Gagnon, Ph.D.

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Date: 2022-05-23

1. Bio

1.1. Short

Stéphane Gagnon is Associate Professor in Business Technology Management (BTM) at the Université du Québec en Outaouais (UQO) and founding member of the Government Analytics Research Institute (GARI). His research deals with digital transformation and big data analytics, applied to the healthcare, energy, and financial services industries, as well as public administration.

1.2. Long

Stéphane Gagnon is Associate Professor in Business Technology Management (BTM) at the Université du Québec en Outaouais (UQO), based in Gatineau, National Capital Region. He is also a founding member of the Government Analytics Research Institute (GARI) a consortium between Carleton University, University of Ottawa, and UQO, including partners such as the Institute on Governance and SAS Canada.

Before joining UQO in 2006, he taught at New Jersey Institute of Technology (2002-2006), Université du Québec à Montréal (1997-2002), McGill University (2000), and a dozen other universities in 10 countries as part-time professor.

He obtained a Ph.D. in Business Administration, specialized in Technology Management and Strategy, from the Université du Québec à Montréal (1994-2001), a M.A. in Public Administration from Carleton University (1991-1994), and a B.Soc.Sc. in Economics & International and Comparative Politics from University of Ottawa (1988-1991).

His research deals with digital transformation and big data analytics, applied to the healthcare, energy, and financial services industries, as well as public administration.

Among other projects, he leads a research network to develop the first BTM Body of Knowledge (BOK), in partnership with IT Association of Canada (ITAC), with \$160,000 MITACS Grant. This initiative will lead to the first unified guide for the BTM profession, identifying the common core competencies among several related standards, and ensuring practitioners at all levels can easily identify their best career growth opportunities.

2. Background

Nationality	Canadian Citizen
Languages	Spoken & Written 100%: French, English, Spanish. Introduction: Mandarin, Lingala.
International Experience	Argentina, Belgium, Canada (QC, ON, BC, AL, NB), China (BJ, SH, JS, GZ), Cuba, Dominican Republic, Ecuador, Finland, France, Mexico, Peru, Sweden, Switzerland, United Kingdom, United States (NJ, NY, DC, CA, GA, MA).
Security Clearance	Secret Security Clearance granted in 1992 by the Government of Canada

3. Education

- 1995-2001** **Ph.D. in Administration**
Université du Québec à Montréal (UQAM), Montréal, Québec, Canada
Dissertation: “Building New Innovation Capabilities: A Synthesis of the Resource-Based and Operations Strategy Perspectives, with Applications to the Cases of Electric Vehicles and Electronic Commerce”
- 1991-1993** **M.A. in Public Administration**
Carleton University, Ottawa, Ontario, Canada
- 1988-1991** **B.Soc.Sc. in Economics & International and Comparative Politics**
University of Ottawa, Ottawa, Ontario, Canada

4. Work Experience

4.1. Academic Positions

- 2006-Today** **Associate Professor**
Dept. of Administrative Sciences
Université du Québec en Outaouais (UQO), Gatineau, Québec, Canada
- 2002-2006** **Assistant Professor**
School of Management & College of Computing Sciences
New Jersey Institute of Technology (NJIT), Newark, NJ, U SA
- 2001-2002** **Assistant Professor**
Dept. of Management and Technology
Université du Québec à Montréal (UQAM), Montréal, Québec, Canada

4.2. Part-Time Teaching

- 2015-2018** MPM with UQAC
Guizhou University, Guiyang, Guizhou, China
- 2011** MBA, Telfer School of Management
University of Ottawa, Ottawa, Ontario, Canada
- 2001-2016** MPM, Dept. of Economics and Administrative Sciences
Université du Québec à Chicoutimi (UQAC), Chicoutimi, Québec, Canada
- 2002-2005** MBA in Management of Technology
École Supérieure de Commerce (ESC), Saint-Étienne, France
- 2002** International Executive MBA
Universidad de la Matanza (UDLM), Buenos Aires, Argentina
- 2002** MBA, Dept. of Management Sciences
Université du Québec à Rimouski (UQAR), Lévis, Québec, Canada
- 2001-2002** MBA, School of Business Administration
China University of Mining and Technology (CUMT), Xuzhou, Jiangsu, China
- 2001** International Executive MBA
Escuela Politécnica del Litoral (ESPOL), Guayaquil, Ecuador
- 2000** UG and MBA, Dept. of Strategy & Dept. of Information Systems, Faculty of Management
McGill University, Montréal, Québec, Canada
- 1999-2002** International Executive MBA
Universidad San Ignacio de Loyola (USIL), Lima, Peru

- 1999 UG, Dept. of Industrial Engineering, School of Engineering
Monteray Institute of Technology (ITESM), Mexico City, Mexico
- 1998-2000 International Executive MBA and MPM
Universidad Nacional APEC (UNAPEC), Santo Domingo, Rep. Dominicana
- 1997-2001 UG and MBA, Dept. of Management and Technology, School of Business
Université du Québec à Montréal (UQAM), Montréal, Québec, Canada

4.3. Consulting Assignments

- 2015-2016 **BTM Standards Development**
ITAC Talent, Toronto, Ontario, Canada
- 2011-2012 **Supply Chain Analytics**
CSSS de Gatineau Hospitals, Gatineau, Québec, Canada
- 2008 **Project Management Training**
SETYM International, Montréal, Québec, Canada
- 2008 **Enterprise Architecture Analysis**
Parliament of Canada, Ottawa, Ontario, Canada
- 2007 **Enterprise Architecture Analysis**
Société de Transport de l'Outaouais (STO), Gatineau, Québec, Canada
- 2006 **E-Commerce Strategy**
Adnetis, Gatineau, Québec, Canada
- 2005 **E-Commerce Strategy**
PriceWaterhouse, Lima, Peru
- 2005 **Software Marketing**
Solstice Software, Newark, NJ, USA
- 2004 **Software Marketing**
mValent, Newark, NJ, USA
- 2004 **Software Marketing**
OpenDemand, Newark, NJ, USA
- 2004 **Software Marketing**
AK Systems, Newark, NJ, USA
- 2003 **E-Tourism System Development Project Review**
Bell Canada, Montréal, Québec, Canada
- 2003 **E-Commerce Strategy**
PriceWaterhouse, Quito, Ecuador
- 2002 **Systems Integration Strategy**
Horizon Blue Cross Blue Shield, Newark, NJ, USA
- 2001 **International Trade Strategy**
Chinese Chamber of Commerce, Xuzhou, Jiangsu, China
- 2000 **Systems Architecture for B2B and B2G**
Bell Canada, Montréal, Québec, Canada
- 1999 **Development Methods for Software Venture Leaders**
Bell Canada, Montréal, Québec, Canada
- 1998 **Testing Tool for Software Venture Leaders**
Nortel, Ottawa, Ontario, Canada

- 1998** **Training Plan for Software Venture Leaders**
Emergis, Bell Canada, Montréal, Québec, Canada
- 1997** **Development Methods in the Automotive Industry**
Secor Consulting Group, Montréal, Québec, Canada

4.4. United Nations Projects

- 2003** **E-Commerce Statistics**
United Nations Conference on Trade and Development, Geneva, Switzerland
- 2002** **E-Business Model Innovation Capabilities in Developing Countries**
United Nations University, Helsinki, Finland
- 2001** **Information Technology Strategy for Tourism Education in Africa**
World Tourism Organization, Madrid, Spain
- 2001** **E-Business Practices for Tourism SMEs**
World Tourism Organization, Madrid, Spain
- 1998** **Benchmarking of E-Tourism Systems**
World Tourism Organization, Madrid, Spain

4.5. Professional Experience

- 1996** **Research Assistant**
Université du Québec à Montréal, Montréal, Québec, Canada
- 1994** **Economist**
Department of Industry, Government of Canada, Ottawa, Ontario, Canada
- 1992** **Economist**
Department of Foreign Affairs, Government of Canada, Ottawa, Ontario, Canada
- 1990** **Executive Assistant**
Department of Public Works, Government of Canada, Ottawa, Ontario, Canada
- 1990** **Computer Support**
Graduate Students Association, University of Ottawa, Ottawa, Ontario, Canada
- 1989** **Computer Support**
Department of Revenue, Government of Canada, Ottawa, Ontario, Canada
- 1986** **Computer Support**
Centre de Sports et Raquette-Ball, Jonquière, Québec, Canada
- 1985** **Computer Support**
Assurances St-Cyr, Chicoutimi, Québec, Canada

5. Publications

5.1. Peer-Reviewed

5.1.1. Journal Articles

21. Yanik Harnois, Stéphane Gagnon, (2022), "Fighting corruption in international development: a grounded theory of managing projects within a complex socio-cultural context", *Journal of Advances in Management Research (JARM)*, accepted for publication, in production. Emerald, ISSN (online): 0972-7981.
20. Farhad Khosrojerdi, Stéphane Gagnon, Raul Valverde, (2021), "Proposing an Ontology Model for Planning Photovoltaic Systems", *Machine Learning and Knowledge Extraction*, 3(3), pp.582-600. MDPI, ISSN: 2504-4990.
19. Sylvia Andriamaharoso, Stéphane Gagnon, Raul Valverde, (2021), "Detecting the causal structure of risk in industrial systems using Dynamic Bayesian Networks", *International Journal of Information Technologies and Systems Approach (IJITSA)*, 15(1), pp. 1-22. IGI, ISSN: 1935-570X.
18. Yanik Harnois, Stéphane Gagnon, (2021), "Corruption and International Development: A Review of Project Management Challenges", *Journal of Financial Crime (JFC)*, 29(3), pp. 864-877. Emerald, ISSN (online): 1359-0790.
17. Catherine Cabot, Stéphane Gagnon, (2021), "Understanding the Career Dynamics of Information Technology Professionals: A Systematic Review of Career Anchors Studies", *International Journal of Information Systems and Project Management (IJISPM)*, 9(2), Article 4, pp. 44-60. University of Minho, Portugal, ISSN (online): 2182-7788.
16. Farhad Khosrojerdi, Okhaide Akhigbe, Stéphane Gagnon, Alex Ramirez, Gregory Richards, (2021), "Integrating Artificial Intelligence and Analytics in Smart Grids: A Systematic Literature Review", *International Journal of Energy Sector Management*, 16(2), pp. 318-338. Emerald, ISSN: 1750-6220.
15. Sabrina Azzi, Stéphane Gagnon, Alex Ramirez, Gregory Richards, (2020), "Healthcare applications of artificial intelligence: A review and proposed framework", *Applied Sciences*, 10(6553). MDPI, ISSN: 2076-3417.
14. Sherif Barrad, Stéphane Gagnon, Raul Valverde, (2020), "An Analytics Architecture for Procurement", *International Journal of Information Technologies and Systems Approach (IJITSA)*, 13(4), Article 4, 26 pages. IGI, ISSN: 1935-570X.
13. Farhad Khosrojerdi, Stéphane Gagnon, Raul Valverde, (2020), "Proposing a Knowledge-Based Model for Photovoltaic Modules Operating under Shading Conditions", *WSEAS Transactions on Computers*. 19: 224-233. WSEAS, ISSN: 2224-2872.
12. Véra-Line Montreuil, Martin Lauzier, Stéphane Gagnon, (2020), "A closer look at determinants of organizational capability to innovate (OCI) : A dynamic capabilities perspective", *European Journal of Innovation Management*, 24(3), pp. 820-847. Emerald, ISSN: 1460-1060.
11. Marc-André Léger, Raul Valverde, Stéphane Gagnon, (2019), "An innovative framework to integrate CIO competencies within the business technology management body of knowledge", *International Journal of Organizational and Collective Intelligence (IJOICI)*, 9(3), Article 1. IGI, ISSN: 1947-9344, 1947-9352.
10. Svetlana Sidenko, Raul Valverde, Stéphane Gagnon, (2019), "Open Business Models for Business Technology Management Bodies of Knowledge", *International Journal of Organizational and Collective Intelligence (IJOICI)*, 9(3), Article 2. IGI, ISSN: 1947-9344, 1947-9352.
9. Véronique Nabelsi, Stéphane Gagnon, Damien Brochot, (2017), "Increasing the Impact of Wikis on Project Performance: Fine-tuning Functional Quality and Knowledge Sharing", *Knowledge and Process Management*, 24(2), pp.96–113. Wiley, ISSN: 1099-1441.
8. Véronique Nabelsi, Stéphane Gagnon, (2017), "Information Technology Strategy for a Patient-Oriented, Lean, and Agile Integration of Hospital Pharmacy and Medical Equipment Supply Chains", *International Journal of Production Research*, 55(14), pp. 3929-3945. Taylor & Francis, ISSN: 0020-7543.

7. Salim Lahmiri, Stephane Gagnon, (2016), "Emerging Markets Reward Risk: Empirical Evidence from MENA during 2008 Financial Crisis", *International Journal of Innovation the Digital Economy*, 7(3), pp.65-76. IGI, ISSN: 1947-8305.
6. Stéphane Gagnon, (2013), "Rules-Based Integration of News Trading Algorithms", *Journal of Trading*, 8(1), pp. 15-27. *Institutional Investors Journals (IJ)*, ISSN: 1559-3967.
5. Stéphane Gagnon, Véronique Nabelsi, Katia Passerini, Kemal Cakici, (2011), "Cloud Services as the Next Web Apps Architecture: Open Issues for SaaS Vendors", *IT Professional*, 13(5), pp. 44-50. IEEE, ISSN: 1520-9202.
4. Stéphane Gagnon, Thomas Woodley, (2006), "SOA and BPM: Synergies and Challenges", *Applied Computing and Informatics*, 4(2), pp.41-66. Springer, ISSN: 1319-5107.
3. Stéphane Gagnon, (2006), "Toward a Multilateral Effort in Measuring e-Business for Development", *International Journal of Infonomics*, 1(4). ISSN: 1742-4720, EISSN: 1742-4712.
2. Stéphane Gagnon, (1999), "Resource-Based Competition and the New Operations Strategy", *International Journal of Operations and Production Management*, 19(2), pp.125-138. ISSN: 0144-3577.
1. Stéphane Gagnon, (1999), "Strategic Challenges in Developing Electric Vehicles: A Literature Review", *International Journal of Vehicle Design*, 21(1), pp.89-109. ISSN: 0143-3369, EISSN: 1741-5314.

5.1.2. Chapters

6. Sherif Barrad, Raul Valverde, Stéphane Gagnon, (2018), "The Application of System Dynamics for a Sustainable Procurement Operation", *Innovative Solutions for Sustainable Supply Chains*, Cham: Springer International Publishing, pp. 179-196. ISBN: 9783319943220.
5. Salim Lahmiri, Stéphane Gagnon, (2016), "A Sequential Probabilistic System for Bankruptcy Data Classification", *Analyzing Risk through Probabilistic Modeling in Operations Research*, IGI Global, pp.138-147. ISBN: 9781466694583.
4. Salim Lahmiri, Stephane Gagnon, (2016), "On the Risk-Return Relationship in European and MENA Major Stock Markets During the 2008 Financial Crisis", *Comparative Economics and Regional Development in Turkey*, IGI Global, pp.252-264. ISBN: 9781466687295.
3. Stéphane Gagnon, Véronique Nabelsi, (2012), "Cloud Computing, Software as a Service & Next Generation ERP", in P.-M. Léger, et al., eds., *Readings on Enterprise Resource Planning*, ERPsim Lab, HEC Montreal, ISBN unavailable, textbook available to 100+ universities in the world partners of the lab.
2. Stéphane Gagnon, (2005), "Resource-Based Competition and the New Operations Strategy", in Alison Bettley, David Mayle, Tarek Tantoush, eds., *Operations Management: A Strategic Approach*, Course Readers Series, London, Sage Publications, pp. 24-34. ISBN: 1412919037.
1. François Bédard, Stéphane Gagnon, (2001), "E-Business Practices for Tourism SME's", in *E-Business for Tourism: Practical Guidelines for Destinations and Businesses*, Business Council, World Tourism Organization, Madrid, pp. 123-231. ISBN: 9284404592.

5.1.3. Papers in Proceedings

21. Stéphane Gagnon, Sabrina Azzi, (2022), "Semantic Annotation of Parliamentary Debates and Legislative Intelligence Enhancing Citizen Experience", *EGOVIS 2022 - The 11th International Conference on Electronic Government and the Information Systems Perspective*, August 22-24, 2022, Vienna, accepted for publication in proceedings, published in Springer's LNCS.
20. Stéphane Gagnon, (2022), "Digital Project Leadership and Talent Management in the As-Practice Perspective", *AMCIS 2022 - The Twenty-Eight Americas Conference on Information Systems*, August 10-14, 2022, Minneapolis, MN, accepted for publication in proceedings.

19. Kouassi Raymond Agbodoh-Falschau, Stéphane Gagnon, (2022), "Impact of Artificial Intelligence and Digital Technologies on Accountants and Talent Management", AAA 2022 - American Accounting Association Annual Meeting, August 1-3, 2022, San Diego, CA, accepted for publication in proceedings.
18. Beatriz Torres, Raul Valverde, Stéphane Gagnon, (2021), "Review the State of the Art on Agile Development of IT Services for Analytics and Data Science Projects", EEE 2021 - The 20th International Conference on e-Learning, e-Business, Enterprise Information Systems, & e-Government, July 26-29, 2021, Las Vegas, USA (virtual), accepted for publication in proceedings.
17. Stéphane Gagnon, (2021), "Talent Management of Transdisciplinary Roles in Digital Projects: Designing a Business Technology Management Body of Knowledge", AMCIS 2021 - The Twenty-Seventh Americas Conference on Information Systems, Montréal, QC (virtual), accepted for publication in proceedings, ranked among top 25% submissions scored.
16. Farhad Khosrojerdi, Stéphane Gagnon, Raul Valverde, (2021), "Full Shading for Photovoltaic Systems Operating under Snow Conditions", IEEE SEGE 2021 - The 9th IEEE International Conference on Smart Energy Grid Engineering, August 11-13, 2021, Oshawa, ON (virtual), accepted for publication in proceedings.
15. Farhad Khosrojerdi, Stéphane Gagnon, Raul Valverde, (2021), "Applications of Artificial Intelligence in Smart Grids: Present and Future Research Domains", IEEE SEGE 2021 - The 9th IEEE International Conference on Smart Energy Grid Engineering, August 11-13, 2021, Oshawa, ON (virtual), accepted for publication in proceedings.
14. Stéphane Gagnon, (2020), "Business Technology Management as Transdisciplinary IS-IT Competency Framework", 2020 International Conference on Information Systems (ICIS), Hyderabad, India, Dec. 13-16, 2020.
13. Farhad Khosrojerdi, Stéphane Gagnon, Raul Valverde, (2018), "Using Software Quality Evaluation Standard Model for Managing Software Development Projects in Solar Sector", Proceedings of the 8th International Conference of the Association Global Management Studies, Montreal, June 21-22, 2018, pp. 273-290. Fredericksburg, VA. Association of Global Management Studies, ISSN: 2150-8488.
12. Stéphane Gagnon, Lily Murariu, (2015), "Public Sector Transformation and Innovation as Core Competencies of Next Generation Chief Information Officers", 67th IPAC National Annual Conference, Halifax, August 23-26, 2015.
11. Syed Shariyar Murtaza, Wael Khreich, Abdelwahab Hamou-Lhadj, Stéphane Gagnon, (2015), "A Trace Abstraction Approach for Host-based Anomaly Detection", The 8th IEEE Symposium on Computational Intelligence for Security and Defense Applications (CISDA 2015), Verona, New York, USA, May 26-28, 2015.
10. Wassim El-Kass, Stéphane Gagnon, Michal Iglewski, (2015), "A Visual and Results-Driven Rules Composition Approach for Better Information Extraction", The 2015 IFAC Symposium on Information Control in Manufacturing (INCOM 2015), Ottawa, 11-13 mai 2015, 15th IFAC-PapersOnLine, 48(3), pp.112-117. Elsevier, ISSN: 2405-8963.
9. Véronique Nabelsi, Stéphane Gagnon, (2015), "Detecting Constraints in Supply Chain Reengineering Projects: Case Study of Data and Process Integration in a Hospital Pharmacy", The 2015 IFAC Symposium on Information Control in Manufacturing (INCOM 2015), Ottawa, 11-13 mai 2015, 15th IFAC-PapersOnLine, 48(3), pp.106-111. Elsevier, ISSN: 2405-8963.
8. Wassim El-Kass, Stéphane Gagnon, Michal Iglewski, (2012), "Adaptive Rules-Driven Architecture for Knowledge Extraction (ARDAKE) with UIMA", Paper presented at the 2012 International Conference on Electrical and Computer Systems (ICECS'12), Ottawa, August 22-24, 2012.
7. Stéphane Gagnon, Sadia Messaoudi, Alain Charbonneau, (2011), "Classification automatique de textes basée sur une ontologie normée", Proceedings of the Conférence sur la recherche d'information et application (CORIA), Avignon, 16-18 mars 2011, pp. 151-158, paper copy without ISBN.
6. Stéphane Gagnon, Kemal Cakici, (2008), "Integrating Business Services Networks and the Internet of Things: A New Framework for Mobile Software as a Service", Proceedings of the V Conference of the Italian Chapter of AIS (itAIS 2008), Paris, December 13-14, 2008, ISBN unavailable, CD version.

5. Thomas Woodley, Stéphane Gagnon, (2005), "BPM and SOA: Synergies and Challenges", in Anne H.H. Ngu, ed., Proceedings of the 6th International Conference on Web Information Systems Engineering (WISE), New York, NY, USA, November 20-22, 2005, Lecture Notes in Computer Science, Volume 3806, October 2005, pp.679-688. ISSN: 0302-9743, ISBN: 3-5403-0017-1.
4. Stéphane Gagnon, (2005), "Are We Ready for the Service Oriented Architecture?", in Anne H.H. Ngu, ed., Proceedings of the 6th International Conference on Web Information Systems Engineering (WISE), New York, NY, USA, November 20-22, 2005, Lecture Notes in Computer Science, Volume 3806, October 2005, pp.765. ISSN: 0302-9743, ISBN: 3-5403-0017-1.
3. Katia Passerini, Stéphane Gagnon, Kemal Cakici, (2004), "Opportunities in the digital economy: a new value chain and services for mobile telecom operators", in The 10th Americas Conference on Information Systems (AMCIS), New York, NY, August 6-8, 2004, AIS Proceedings, CD version.
2. Stéphane Gagnon, (2003), "The value of university relations to IT industry partners: the case of the NJIT e-Business Laboratory", in Proceedings of the 1st International Conference on Information Technology: Education and Research (ITRE), Newark, NJ, August 11-13, 2003, IEEE Proceedings, pp.470-472. ISBN: 0780377249.
1. Stéphane Gagnon, Margaret Ashida, John Gifaldi, Mary Keough, (2003), "Building tomorrow's business and technology leaders together: an industry perspective from IBM", in Proceedings of the 1st International Conference on Information Technology: Education and Research (ITRE), Newark, NJ, August 11-13, 2003, IEEE Proceedings, pp.469. ISBN: 0780377249.

5.1.4. Presentations at Conferences

10. Stéphane Gagnon, Alex Ramirez, Greg Richards, (2020), "The Almost Mythical Expectations Concerning AI's Impact on our Future", Symposium on Preparing for Artificial Intelligence in the Public Sector, Ottawa, 18-19 février 2020, organized by Applied AI Canada (OBNL).
9. Stéphane Gagnon, (2020) "Business Technology Management (BTM)", The 2020 PM² Conference. Brussels, Décembre 1-3, 2020.
8. Véra-Line Montreuil, Martin Lauzier, Stéphane Gagnon, (2019), "La capacité organisationnelle à innover : un portrait de ses déterminants managériaux et organisationnels", Communication prononcée lors du Colloque - Gestion du changement, innovation et apprentissage organisationnel : vers de nouvelles tendances et de nouveaux enjeux. 87e Congrès de l'ACFAS, Université du Québec en Outaouais (UQO), Gatineau (Québec - Canada), 29 mai 2019.
7. Stéphane Gagnon, (2018), "Integrating Project Management Standards within Business Technology Management (BTM)", The 2018 PM² Conference, Brussels, February 1-3, 2018.
6. Stéphane Gagnon, (2014), "Language Technologies for Geomatics: From Intelligence to Agility", Conférence Vision Géomatique, Gatineau, November 12, 2014.
5. Stéphane Gagnon, (2012), "Rules-Based Integration of News Trading Algorithms", Paper presented at the 74th International Atlantic Economic Conference, Montreal, October 4-7, 2012.
4. Stéphane Gagnon, (2005), "Model Driven Architecture and Requirements Engineering", 13th IEEE Requirements Engineering Conference (RE), Paris, August 2005.
3. Stéphane Gagnon, Jorge Niosi, (2002), "International Comparison of Regional Clusters of Software Firms", 11th Annual Conference of the International Association of Management of Technology (IAMOT), Orlando, FL, March 2002.
2. Stéphane Gagnon, François Bédard, (2001), "Tourism and Information Technology", 8th ENTER - International Federation for Information Technology and Tourism (IFITT), Montréal, QC, April 2001.
1. Stéphane Gagnon, (2000), "Adjusting Development Capabilities for E-Business: From Information Systems to Product & Service Innovation", INFORMS Annual Conference, San Antonio, TX, November 2000.

5.1.5. Journal Special Issues

4. Stéphane Gagnon, (2007), "Special Issue on Web Information Systems Engineering", Information Journal of Information Technology and Web Engineering, 2(3). ISSN: 1554-1045, EISSN: 1554-1053.
3. Stéphane Gagnon, (2007), "Special Issue on Service Oriented Business Process Integration", International Journal of Business Process Integration and Management, 2(1). ISSN: 1741-8763, EISSN: 1741-8771.
2. Stéphane Gagnon, Patrick Hung, Katia Passerini, Miguel Vargas-Martin, (2005), "Special Issue on Measuring e-Business for Development", International Journal of Infonomics, 1(4). ISSN: 1742-4720, EISSN: 1742-4712.
1. Stéphane Gagnon, Patrick Hung, (2005), "Special Issue on Business Services Networks", International Journal of Cases in E-Commerce, 1(4). ISSN: 1548-0623, EISSN: 1548-0615.

5.1.6. Workshop Proceedings

4. Stéphane Gagnon, Christian Huemer, Patrick Hung, Andreas Wombacher, Raymond Wong, (2006), "Proceedings of the BSN-SOS4CO 2006 Workshop", Second IEEE EEE'05 International Workshop on Business Services Networks (BSN 2006), Proceedings of the 8th IEEE International Conference on E-Commerce Technology and the 3rd IEEE International Conference on Enterprise Computing, E-Commerce, and E-Services (CEC/EEE'06), San Francisco, CA, June 26, 2006, IEEE Proceedings, pp.1-45. ISBN: 0769525113.
3. Stéphane Gagnon, Jen-Yao Chung, Shu-Ping Chang, (2005), "Proceedings of the WISE 2005 Industry Track", in Anne H.H. Ngu, et al., ed., Proceedings of the 6th International Conference on Web Information Systems Engineering (WISE), New York, NY, USA, November 20-22, 2005, Lecture Notes in Computer Science, Volume 3806, October 2005, pp.623-761. ISSN: 0302-9743, ISBN: 3540300171.
2. Stéphane Gagnon, Heiko Ludwig, Marco Pistore, Wasim Sadiq, (2005), "Proceedings of the SOBPI 2005 Workshop", First International Workshop on Service-Oriented Business Processes Integration (SOBPI 2005), The 3rd International Conference on Service Oriented Computing (ICSOC 2005), December 12, 2005, IBM Research Report, RC23820 (W0512-007).
1. Stéphane Gagnon, Patrick Hung, (2005), "Proceedings of the BSN 2005 Workshop", First IEEE EEE'05 International Workshop on Business Services Networks (BSN 2005), IEEE International Conference on e-Technology, e-Commerce, and e-Service (EEE'05), Hong Kong, March 29, 2005, ACM International Conference Proceeding Series, Vol. 87.

5.1.7. Research Reports

3. Stéphane Gagnon, (2003), "Universities as Partners in Measuring e-Business and ICT for Development", UNCTAD Expert Meeting on Measuring e-commerce, Geneva, September 2003.
2. Stéphane Gagnon, (2003), "E-Business Model Innovation and Capability Building", Information Technology and Development Conference, Discussion Paper No. 2003/40, United Nations University (UNU) World Institute of Development Economics Research (WIDER), Helsinki, 2003.
1. François Bédard, Stéphane Gagnon, Suzanne Lapointe, David Williams, (2001), "Information Technology Strategy for Tourism Education in Africa", Education Council, World Tourism Organization, Madrid, 2001.

5.2. Other Publications and Presentations

5.2.1. Guest Speaker at Conferences or Seminars

27. Stéphane Gagnon, (2014), "Agile PM Methods", Project Management Professional Development Seminars, Department of National Defence, ADM(Mat), Ottawa, June 19, 2014.
26. Stéphane Gagnon, (2014), "SaaS and Cloud Computing Risk Management Research", NJTC Seminar - International Perspectives on Mobile, Telecom and Cloud Research. Juniper Networks OpenLab – The Junos Center for Innovation Bridgewater, NJ, March 27, 2012.

25. Stéphane Gagnon, (2011), "Training Enterprise Architects in the Cloud Era", presented at the Ottawa Chapter of the Association of Open Group Enterprise Architects (AOGEA), Ottawa, ON, May 24, 2011.
24. Stéphane Gagnon, Véronique Nabelsi, (2011), "La recherche en gestion des technologies de l'information dans le cadre de l'Alliance SAP-UQO", presented at UQO during the Semaine de la recherche, Gatineau, QC, February 14, 2011.
23. Stéphane Gagnon, (2009), "NJTC/AQT 2008-09 Information Technology Industry Forecast, presented at the Quebec Technology Association, Big Bang Conference, May 5, 2009.
22. Stéphane Gagnon, (2008), "Startup Incubation for Software as a Service (SaaS)", presented at Institut de recherche sur les petites et moyennes entreprises (INRPME), Université du Québec à Trois-Rivières, Trois-Rivières, QC, October 2008.
21. Stéphane Gagnon, (2008), "Commercializing Software as a Service (SaaS)", presented at SUNY Albany Business School, Albany, NY, April 2008.
20. Stéphane Gagnon, (2008), "The Role of Enterprise Architecture in a Strategic Transformation Based on the Service Oriented Architecture", presented at the IBM WebSphere User Group, Ottawa, ON, March 2008.
19. Stéphane Gagnon, (2008), "Text Mining and Financial Markets", presented at the Dept. of Computer Science, University of Quebec in Outaouais, Gatineau, QC, January 2008.
18. Stéphane Gagnon, (2007), "The Role of Enterprise Architecture in a Strategic Transformation Based on the Service Oriented Architecture", presented at the IBM Zurich Research Laboratory, Zurich, Switzerland, November 2007.
17. Stéphane Gagnon, (2007), "Developing International Graduate Programs in Management and Technology", presented at the Consortium for North American Higher Education Collaboration (CONAHEC) Annual Conference, Québec City, QC, April 2007.
16. Stéphane Gagnon, (2006), "Integrating SOA with Enterprise IT", presented at the Infonex SOA Summit, Ottawa, ON, August 2006.
15. Stéphane Gagnon, (2006), "Semantic Web and Process Composition: Application to Economic and Financial Analysis", presented at the IBM Labs, Ottawa, ON, June 2006.
14. Stéphane Gagnon, (2006), "Semantic Web and Process Composition: Application to Economic and Financial Analysis", presented at the Dept. of Computer Science, University of Quebec in Outaouais, Gatineau, QC, June 2006.
13. Stéphane Gagnon, (2006), "Integrating SOA with Enterprise IT", presented at the Integration Consortium Global Integration Summit (GIS), Boston, MA, May 2006.
12. Stéphane Gagnon, (2006), "Integrating the SOA with Enterprise IT", presented at the Canadian CIO Summit, Calgary, April 2006.
11. Stéphane Gagnon, (2005), "IT Startups and Industry Trends", presented at the New Jersey Technology Council (NJTC) IT Industry Forum, Newark, NJ, December 2005.
10. Stéphane Gagnon, (2005), "SOA7 Model for Enterprise IT", presented at the International Association of Software Architects (IASA) NYC Chapter, New York, NY, November 2005.
9. Stéphane Gagnon, (2005), "Service Oriented Architecture for Information Systems Resilience and Recovery", presented at the 5th NJ Homeland Security Summit, Newark, NJ, November 2005.
8. Stéphane Gagnon, (2005), "SOA7 Model for Enterprise IT", presented at the Brainstorm Group SOA Summit, New York, NY, November 2005.
7. Stéphane Gagnon, (2005), "Integrating the SOA with Enterprise IT", presented at the Delphi Group SOA Summit, San Diego, CA, October 2005.

6. Stéphane Gagnon, (2005), "Integrating the SOA with Enterprise IT", presented at the Open Group IT Architecture Practitioners Conference (APC), New York, NY, July 2005.
5. Stéphane Gagnon, (2005), "Model for Service Oriented Development of Applications", presented at the Integration Consortium Global Integration Summit (GIS), Banff, AL, May 2005.
4. Stéphane Gagnon, (2004), "Using Enterprise Resource Planning (ERP) to Teach IT Skills to Business Students", presented at The 5th Annual Faculty Best Practices Showcase, NJEdge, Raritan, NJ, March 2004.
3. Stéphane Gagnon, (2004), "Using ERPs to Teach IT Management. Microsoft Business Solutions Academic Alliance (MBS-AA), presented at Convergence Conference, Orlando, March 2004.
2. Stéphane Gagnon, (2004), "Workshop on Learning Goals and ERP", presented at Higher Education User Group (HEUG), Annual Conference, Atlanta, GA, March 10-13, 2004.
1. Stéphane Gagnon, (2004), "University Partnerships: Building Tomorrow's Business and Technology Leaders Together", presented at ACM Special Interest Group in Computer Science Education, ACM SIGCSE Annual Conference, Norfolk, VA, March 2004.

5.2.2. Business Magazines, Reports, and Standards

3. Gagnon, Stéphane, (2021), "AI integration helps build the next generation of e-government", Analytics in Government Quarterly (AGQ), Issue 5, accepted for publication. Government Analytics Research Institute (GARI), ISSN: 2562-9123.
2. Gagnon, Stéphane, (2021), "Helping Governments Lead the Digital Transformation and Implement Innovative AI Technologies", Analytics in Government Quarterly (AGQ), Issue 5, accepted for publication. Government Analytics Research Institute (GARI), ISSN: 2562-9123.
1. Gagnon, Stéphane, Alex Ramirez, Greg Richards, (2019), "Algorithmic Decision-Making: Promises and Challenges in Government", Analytics in Government Quarterly (AGQ), Issue 1, pp. 4-6. Government Analytics Research Institute (GARI), ISSN: 2562-9123.

5.2.3. Guest Speaker on Webcasts

3. Stéphane Gagnon, "Managed Communication Services", Alcatel, October 2006, http://www.alcatel.com/mcs/essentials/?_requestid=177888
2. Stéphane Gagnon, "Integrating SOA with Enterprise IT", xTalks, July 2006, <http://www.xtalks.com/SOA.ashx>
1. Stéphane Gagnon, "Path to SOA Enlightenment", eBizQ.net, April 2006, <http://www.ebizq.net/webinars/6857.html>

5.2.4. Appearance in the Media

6. Stéphane Gagnon, "Expert invité en entrevue: Quel est le potentiel réel des licornes?", Émission RDI Économie, 2019-10-04, <https://uqo.ca/nouvelles/35365>
5. Mike Kedar and Stéphane Gagnon, "Canada is reverting to its pre-1992 telecom conditions", Special Commentary to The Globe and Mail, Jul. 26, 2016, <http://www.theglobeandmail.com/report-on-business/rob-commentary/canada-is-reverting-to-its-pre-1992-telecom-conditions/article31109510/>
4. Daniel Mathieu, "Technologies langagières et intelligence décisionnelle", Chronique Les Chercheurs, Émission Les voies du retour, Radio-Canada, vendredi 14 février 2014, http://ici.radio-canada.ca/emissions/les_voies_du_retour/2013-2014/archives.asp?date=2014/02/07&indTime=2300&idmedia=7015783
3. Tommy Peterson, "Making the most of IT", Computerworld, May 8, 2006, <http://www.computerworld.com/action/article.do?command=viewArticleBasic&articleId=111168>

2. Tom Gaudio, "Tall Hopes for Small High-Tech Firms", NJBiz, December 19, 2005,
http://www.njbiz.com/article_reg.asp?aID=62131042.8435785.854906.963081.7592977.343&aID2=65753
1. Rosie Lombardi, "The business side of enterprise integration", IT-World Canada, November 11, 2005,
<http://www.itworldcanada.com/a/ComputerWorld/48dcfb1-b700-4342-9ba3-8357af8f532e.html>

6. Teaching Experience

6.1. Completed Supervision of Graduate Theses and Projects

#	Student	Title	Activity	L	Prog.	Date
1.	Harnois, Yanik	Anti-Corruption in International Development Project Management in Sub-Saharan Africa	Thesis	3	DGP	2022-04-01
2.	Léger, Marc-André	Implementing Information Technology Management with an Ontology of Cybersecurity Professional Skills; Co-dir.: Raul Valverde	Thesis	3	PhD STI	2021-12-15
3.	Kwan, Franck	La gestion des risques dans les projets informatiques: mise en œuvre de la gestion des risques basée sur l'analyse sémantique / Risk management in IT projects: Implementation of risk management based on semantic analysis; Dir.: Véronique Nabelsi	Thesis	3	DGP	2021-09-04
4.	Khosrojerdi, Farhad	An ontology-based decision-making framework modeling power efficiency for photovoltaic systems; Co-dir.: Raul Valverde	Thesis	3	PhD STI	2021-04-28
5.	Barrad, Sherif	Impact of Artificial Intelligence and Analytics and Procurement Strategy on Cost Reduction; Co-dir.: Raul Valverde	Thesis	3	PhD STI	2020-07-01
6.	El-Kass, Wassim	Integrating Semantic Web and Unstructured Information Processing Environments; Co-dir.: Michal Iglewski	Thesis	3	PhD STI	2018-01-31
7.	Andriamaharsoa, Sylvia	Causal Structure of Risk in Industrial Systems Using Dynamic Bayesian Networks	Thesis	3	PhD STI	2017-04-30
8.	Marquis, Guillaume	Perception du risque par les marchés financiers des nouvelles liées aux projets en technologies de l'information : Interprétations de la volatilité et de la flexibilité stratégique	Masters Thesis	2	MSc GP	2016-08-31
9.	Ben Mahmoud, Nizar	Contagion Between Competitors of Risk Perception by Financial Markets: The Case of Information Technology	Masters Thesis	2	MSc GP	2014-05
10.	Alakhras, Anas	Market-perceived risk of project-related announcements in the information technology industry	Masters Thesis	2	MSc GP	2013-04
11.	Khosrojerdi, Farhad	The risk perceptions of strategic decisions and the project life cycle: An application of the event study method to the oil and gas industry	Masters Thesis	2	MSc GP	2008-12-11
12.	Bett, Richard	Integrating governance, risk, and compliance management to enhance requirements engineering in IT projects	Masters Thesis	2	MSc GP	2008-11-17
13.	Messaoudi, Sadia	Impact of Integrating a Standard XBRL Ontology to Automated Text Classification: An Application to Financial News; Co-Dir.: Alain Charbonneau	Masters Thesis	2	MSc STI	2011-05-13
14.	Diop, Omar	Explaining Fluctuations in the Demand and Supply of Venture Capital: The Case of Ottawa-Gatineau in 2007; avec M. Al Saleh	Essay	2	MBA	2009-05
15.	Al Saleh, Mohammed	Explaining Fluctuations in the Demand and Supply of Venture Capital: The Case of Ottawa-Gatineau in 2007; avec O. Diop	Essay	2	MBA	2009-05
16.	Fatemizadeh, Homayoon (Karl)	Project portfolio management (PPM) for IT PMOs	Directed Study	2	MGP	2011-09
17.	Le Gouic, Yann	Online Behavior Analytics on Social Networks	Essay	2	MGP	2009-06

18.	Dong, Yuan (Walter)	Extreme Software Compliance: Can Regulations Serve as Documentation?	Directed Study	2	MGP	2009-01
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6.2. On-Going Supervision of Graduate Theses and Projects

#	Student	Title	Activity	L	Prog.	Phase
1.	Potvin, Joseph	An Internet of Rules	Thesis	3	DGP	Defense
2.	Murariu, Florica (Lily)	Business Technology Management (BTM) Executives and Digital Transformation Leadership	Thesis	3	DGP	Writing
3.	Eloumri, Miloud	Integrating semantic reasoning in a multi-agent system in Erlang	Thesis	3	PhD STI	Writing
4.	Elgebli, Jamal	BTM Standards Integration within Talent Management Processes: An Ontology Engineering Approach	Thesis	3	PhD STI	Writing
5.	Torres, Beatriz	Business Technology Management Semantic Integration for Automated Project Team Composition; Co-dir.: Raul Valverde	Thesis	3	PhD STI	Proposal
6.	Sidenko, Svetlana	Business Technology Management Standards Integration and Semantic Validation; Co-dir.: Raul Valverde	Thesis	3	PhD STI	Proposal
7.	Iyer, Shankar	Intelligent Systems and Ontology-Driven Engineering (ODE) for Migration, Integration, and Service of Heterogenous Enterprise Resource Planning (ERP) Platforms	Thesis	3	PhD STI	Proposal

6.3. Jury of Graduate Theses and Projects

#	Student	Year	Title	Prog.	Univ.
1.	Sculion, David	2021	Impacts d'un outil de partage des connaissances sur la prise de décision clinique et sur l'émergence de projets d'amélioration des soins de santé à travers des communautés de pratique ouvertes	DGP	UQO
2.	Leclerc, Marie-Chantal	2021	Optimisation de la trajectoire de soins et services gériatriques : mise en œuvre des meilleures données probantes	DGP	UQO
3.	Ajami, Hicham	2019	Modèle Ontologique Contextuel pour les patients atteints de la maladie pulmonaire obstructive chronique / Contextual Ontological Model for Patients with Chronic Obstructive Pulmonary Disease	PhD STI	UQAC
4.	Montes, José	2019	Emerging business models and manufacturing dynamics: Additive manufacturing, microfactories and online manufacturing platforms	PhD STS	UQAM
5.	Benkalai, Imène	2018	Ordonnancement d'ateliers en présence d'opérateurs	PhD STI	UQAC
6.	Sami, Yamina	2018	Vers une approche de gestion des projets de recherche et d'innovation qui favorise le succès	MGP	UQO
7.	Rukundo, Patrick	2017	Étude sur l'impact de la richesse des canaux de communication sur la satisfaction de la résolution des défaillances des services en ligne et l'intention de réachat du consommateur	MSc IT	UQAM
8.	Aokou, Koffi	2016	Approche systémique de la conscience de la situation pour la réduction des erreurs de décision en environnement complexe : cas des projets informatiques	PhD en informatique cognitive	UQAM
9.	Alrasheedi, Muasaad	2015	A Maturity Model for Mobile Learning	PhD in Software Eng.	U of Western Ontario

10.	Plouffe, Véronique	2016	Projets de réingénierie lean en santé : Utilisation des méthodes d'évaluation des coûts pour l'optimisation des trajectoires de soins en oncologie	MGP	UQO
11.	Brochet, Damien	2015	Impact du wiki sur la performance des projets en technologies de l'information	MGP	UQO
12.	Chabou, Samir	2014	Reconnaissance sémantique et contextuelle des entités et relations médicales pour répondre à des questions médicales bilingues basées sur le modèle PICO	PhD STI (proposition)	UQO
13.	Sheikh-Mohamoud, Mohamed	2012	Cost Benefit Analysis and Its Application to Gatineau Rapibus Project	MGP	UQO
14.	Langevin, Bernard	2011	La relation empirique entre l'effort de conception et le Succès des projets d'innovation technologique	MGP	UQO
15.	Lucchesi, Mathieu	2010	Application du PNET à l'algorithme d'allocation des ressources de Macleod et Petersen, et analyse de la valeur acquise en contexte d'interdépendance des chemins	MGP	UQO
16.	Ortiz, Juliana	2010	Agile Project Management in Policy Implementation	MGP	UQO
17.	Qasim, Muhammad Umar	2005	Digital Libraries and Middleware Architecture	PhD in Information Systems	NJIT
18.	Feeney, Roberto Juan	2005	Capturing Value with Digital Information Products	PhD en Administration	UQAM
19.	Molinie, Luis	2005	Les deux réalités de Linux : compétitif au marché spécialisé, marginalisé au marché de masse	PhD en Administration	UQAM
20.	Bedi, Tarun Preet S.	2004	Systems Integration with Digital Library Service Integration (DLSI)	PhD in Information Systems	NJIT

6.4. Number of Courses and Students

Year	Bachelor		Master		Doctorate		Total	
	Courses	Students	Courses	Students	Courses	Students	Courses	Students
1998	4	180	2	60			6	240
1999	2	40	3	90			5	130
2000	5	255	5	175			10	430
2001	1	20	9	200			10	220
2002	1	20	9	195			10	215
2003	1	10	3	60			4	70
2004	1	30	4	60			5	90
2005	3	55	6	140			9	195
2006	2	25	7	110			9	135
2007	1	3	6	95			7	98
2008	3	48	1	23			4	71
2009			2	43	2	2	4	45
2010	3	135	3	41	3	4	9	180
2011	1	63	3	60	1	1	5	124
2012					2	4	2	4
2013			1	25	1	3	2	28
2014	1	35			3	23	4	58
2015			1	120	2	15	3	135
2016			2	144	9	18	11	162
2017			1	80	2	6	3	86
2018			2	170	2	4	4	174
2019								0
2020							1	10
2021								0
Total	29	919	70	1891	27	80	127	2900
Percent	23%	32%	56%	65%	21%	3%	100%	100%

6.5. Teaching Evaluations

Year	Semester	Course	Title	Score on 6
2013-2014	Winter	INF9073	Doctoral Seminar in IT	4.96
2014-2015	Fall	SIG1003	Management Information Systems	4.91
2014-2015	Fall	DGP9033	Strategy and Project Management	5.96
2014-2015	Fall	DGP9173	Doctoral Seminar in IT PM	5.57
2015-2016	Summer	DGP9163	Project Management in the Public Sector	5.62
2015-2016	Winter	DGP9043	Managing Complex Projects	4.09
2017-2018	Fall	DGP9033	Strategy and Project Management	5,90

6.6. List of Courses

#	Year	Sem.	Code	Title	Univ.	L	Stud.
1	1998	W	MET4010	Technology & Innovation Management	UQAM	1	60
2	1998	W	MET4010	Technology & Innovation Management	UQAM	1	60
3	1998	F	MET1100	Management Principles	UQAM	1	30
4	1998	F	MET1100	Management Principles	UQAM	1	30
5	1998	F	MBA8420	New Product/Service Development	UNAPEC	2	30

6	1998	F	MBA8420	New Product/Service Development	UNAPEC	2	30
7	1999	W	OR95801	Entrepreneurship in E-Commerce	ITESM	1	20
8	1999	W	IN95595	New Product/Service Development	ITESM	1	20
9	1999	S	MBA8420	New Product/Service Development	UNAPEC	2	30
10	1999	S	MBA8420	New Product/Service Development	UNAPEC	2	30
11	1999	S	MBA8420	New Product/Service Development	USIL	2	30
12	2000	W	273434	Fundamentals of E-Commerce	McGill	1	35
13	2000	W	273690	Fundamentals of E-Commerce	McGill	2	65
14	2000	W	MET1100	Management Principles	UQAM	1	60
15	2000	W	MBA8420	New Product/Service Development	UNAPEC	2	30
16	2000	S	280423	Strategic Management	McGill	1	60
17	2000	S	MBA8420	Innovation Strategy and E-Commerce	USIL	2	20
18	2000	S	MBA8420	Innovation Strategy and E-Commerce	UNAPEC	2	30
19	2000	S	MBA8420	Innovation Strategy and E-Commerce	UNAPEC	2	30
20	2000	F	280423	Strategic Management	McGill	1	50
21	2000	F	280423	Strategic Management	McGill	1	50
22	2001	W	MBA8420	Strategy in High Tech Industries	UQAM	2	20
23	2001	W	SHM1410	Technology Evaluation	UQAM	1	20
24	2001	W	MBA8429	E-Commerce Strategy	UQAM	2	25
25	2001	S	MBA8429	E-Commerce Strategy	UQAM	2	25
26	2001	S	MBA8429	E-Commerce Strategy	UQAM	2	20
27	2001	S	MBA8429	E-Commerce Strategy	USIL	2	25
28	2001	S	MBA8429	E-Commerce Strategy	ESPOL	2	25
29	2001	S	MGP708H	Managing Innovation Projects	UQAM	2	20
30	2001	F	ADM7500	Information Systems Theory	UQAM	2	20
31	2001	F	MBA8429	E-Commerce Strategy	CUMT	2	20
32	2002	W	MBA8429	E-Commerce Strategy	UQAM	2	30
33	2002	W	MBA8429	E-Commerce Strategy	UQAM	2	30
34	2002	W	MBA8429	E-Commerce Strategy	UQAM	2	25
35	2002	W	MBA8429	E-Commerce Strategy	UQAM	2	25
36	2002	W	ADM7500	Information Systems Theory	UQAM	2	20
37	2002	W	MBA8429	E-Commerce Strategy	UDLM	2	20
38	2002	S	MBA8429	E-Commerce Strategy	USIL	2	25
39	2002	F	MGMT460	Management Strategies for E-Commerce	NJIT	1	20
40	2002	F	MGMT676	Managing the Digital Firm	NJIT	2	10
41	2002	F	MGMT676	Managing the Digital Firm	ESC	2	10
42	2003	W	MGMT460	Management Strategies for E-Commerce	NJIT	1	10
43	2003	W	MGMT676	Managing the Digital Firm	NJIT	2	20
44	2003	F	MGMT676	Managing the Digital Firm (online)	NJIT	2	20
45	2003	F	MBA8429	E-Commerce Strategy	UQAM	2	20
46	2004	W	MIS620	E-Commerce Technologies	NJIT	2	10
47	2004	S	MGMT676	Managing the Digital Firm	NJIT	2	20

48	2004	S	MIS620	E-Commerce Technologies	ESC	2	10
49	2004	F	MGMT676	Managing the Digital Firm (online)	NJIT	2	20
50	2004	F	MGMT460	Management Strategies for E-Commerce	NJIT	1	30
51	2005	W	MIS360	E-Commerce Strategy	NJIT	1	10
52	2005	W	MIS620	E-Commerce Technologies	NJIT	2	10
53	2005	W	MGMT676	Managing the Digital Firm	NJIT	2	25
54	2005	S	MIS620	E-Commerce Technologies	ESC	2	10
55	2005	S	MGMT676	Managing the Digital Firm	NJIT	2	25
56	2005	S	MBA8429	E-Commerce Strategy	UQAM	2	35
57	2005	F	MGMT676	Managing the Digital Firm (online)	NJIT	2	35
58	2005	F	MIS360	E-Commerce Technologies	NJIT	1	25
59	2005	F	MGMT460	Management Strategies for E-Commerce	NJIT	1	20
60	2006	W	MIS360	E-Commerce Technologies	NJIT	1	20
61	2006	W	MGMT676	Managing the Digital Firm	NJIT	2	25
62	2006	S	MGP7014	Information Systems and Project Management	UQO	2	15
63	2006	S	MGP708XA	Business Process Management	UQO	2	15
64	2006	F	MGP7014	Information Systems and Project Management	UQO	2	10
65	2006	F	MGP7014A	Information Systems and Project Management	UQO	2	20
66	2006	F	MBA6433	Information and IT for Accountants	UQO	2	15
67	2006	F	MBA6433A	Information and IT for Accountants	UQO	2	10
68	2006	F	INF4173	Computer Science Senior Project	UQO	1	5
69	2007	S	MGP7014	Information Systems and Project Management	UQAC	2	20
70	2007	F	INF4173	Computer Science Senior Project	UQO	1	3
71	2007	F	MGP7014	Information Systems and Project Management	UQO	2	10
72	2007	F	MGP7014A	Information Systems and Project Management	UQO	2	20
73	2007	F	MBA6433	Information and IT for Accountants	UQO	2	15
74	2007	F	MBA6433A	Information and IT for Accountants	UQO	2	10
75	2007	F	MGP7014	Information Systems and Project Management	UQAC	2	20
76	2008	W	INF4173	Computer Science Senior Project	UQO	1	11
77	2008	S	MGP708ME	International Project Management - Part I	UNAPEC	2	23
78	2008	S	INF4173	Computer Science Senior Project	UQO	1	2
79	2008	F	INF4323	Systems Analysis and Design (online)	UQO	1	35
80	2009	W	MGP7017E	International Project Management - Part II	UNAPEC	2	23
81	2009	W	INF9083	Directed Readings in IT	UQO	3	1
82	2009	W	MGP7111E	Project Management and Its Context	UNAPEC	2	20
83	2009	S	INF9123	Algorithmics and Software Engineering	UQO	3	1
84	2010	W	INF4193	IT Project Management (online)	UQO	1	45
85	2010	W	INF9083	Directed Readings in IT	UQO	3	2
86	2010	W	ADM6002	Starting and Managing Your Consulting Firm	UQO	2	10
87	2010	W	ADM6002E	Starting and Managing Your Consulting Firm	UNAPEC	2	20
88	2010	W	MGP7111E	Project Management and Its Context	UNAPEC	2	11
89	2010	S	INF9123	Algorithmics and Software Engineering	UQO	3	1

90	2010	F	INF9083	Directed Readings in IT	UQO	3	1
91	2010	F	MNG1553	Corporate Social and Env. Responsibility	UQO	1	45
92	2010	F	INF4233	Managing Information Systems	UQO	1	45
93	2011	W	MGP7111E	Project Management and Its Context	UNAPEC	2	13
94	2011	W	INF4193	IT Project Management (online)	UQO	1	63
95	2011	S	ADM6002E	Starting and Managing Your Consulting Firm	UNAPEC	2	25
96	2011	S	MBA6298C	Agile and Extreme Project Management	U Ottawa	2	22
97	2011	F	INF9083	Directed Readings in IT	UQO	3	1
98	2012	W	DGP9043	Managing Complex Projects	UQO	3	3
99	2012	W	INF9143	Data Processing and Artificial Intelligence	UQO	3	1
100	2013	S	ADM6002E	Starting and Managing Your Consulting Firm	UNAPEC	2	25
101	2013	F	DGP9033	Strategy and Project Management	UQO	3	3
102	2014	W	INF9073	Doctoral Seminar in IT	UQO	3	14
103	2014	F	DGP9033	Strategy and Project Management	UQO	3	5
104	2014	F	DGP9173	Doctoral Seminar in IT PM	UQO	3	4
105	2014	F	SIG1003	Managing Information Systems	UQO	1	35
106	2015	W	DGP9043	Managing Complex Projects	UQO	3	5
107	2015	S	MGP7121	Project Planning and Control (China)	China	2	120
108	2015	S	DGP9163	Project Management in the Public Sector	UQO	3	10
109	2016	W	DGP9043	Managing Complex Projects	UQO	3	4
110	2016	S	MGP7121	Project Planning and Control (China)	China	2	120
111	2016	S	ADM6002E	Starting and Managing Your Consulting Firm	UNAPEC	2	24
112	2016	S	DGP9006	Comprehensive Exams	UQO	3	2
113	2016	S	DGP9143	Directed Readings in Data Analysis	UQO	3	1
114	2016	S	INF9006	Comprehensive Exams	UQO	3	1
115	2016	S	INF9083	Directed Readings in IT	UQO	3	2
116	2016	F	DGP9006	Comprehensive Exams	UQO	3	2
117	2016	F	DGP9143	Directed Readings in Data Analysis	UQO	3	1
118	2016	F	INF9083	Directed Readings in IT	UQO	3	3
119	2016	F	INF9143	Data Processing and Artificial Intelligence	UQO	3	2
120	2017	S	MGP7121	Project Planning and Control (China)	China	2	80
121	2017	F	DGP9033	Strategy and Project Management	UQO	3	4
122	2017	F	INF9143	Data Processing and Artificial Intelligence	UQO	3	2
123	2018	W	MGP7121	Project Planning and Control (China)	China	2	40
124	2018	W	DGP9006	Comprehensive Exams	UQO	3	2
125	2018	W	INF9006	Comprehensive Exams	UQO	3	2
126	2018	S	MGP7121	Project Planning and Control (China)	China	2	130
127	2020	F	DGP9223	Epistemology and methodology in project management	UQO	3	10

7. Awards and Grants**7.1. On-Going or Recent Research Grants (2014-2021)**

Start	End	Title	Funding	Amount
2020	2021	Digital Transformation of Automotive Industry: Action Design Research and Startup for Last Price Recommendation Engines	MITACS / eSano	\$30,000
2018	2021	Next Generation Product Cost Tracking; co-principal investigator with Greg Richards (PI) from Telfer and Alex Ramirez from Sprott	MITACS / Ciena	\$15,000 + 10,000
2017	2021	Business Technology Management (BTM) Body of Knowledge (BOK); principal investigator	MITACS / ITAC	\$160,000
2016	2021	Enabling the Agile Organization: Toward an Integrated Capability Model for Intelligent Applications Projects; principal investigator with Greg Richards from Telfer and Alex Ramirez from Sprott	National Capital Research Fund	\$10,000
2015	2015	Language Technologies for Risk Management; principal investigator	MITACS Globalink	\$5 000
2014	2017	Application of intelligent systems for high frequency risk analysis; principal investigator	Fondation UQO	\$7,943

7.2. Completed Research Grants (2001-2013)

2012-2013	Language Technologies for Healthcare Informatics, CAN\$9,787, iCare Health IT, w. V. Nabelsi
2012-2013	Healthcare Informatics Project Management, CAN\$23,145, iCare Health IT, w. V. Nabelsi
2012-2013	Process Integration Research Lab (PIRL) Team Support, CAN\$10,000, UQO FIRC, w. V. Nabelsi et al.
2010-2011	Text Classification with XBRL, CAN\$2,000, UQO FIRC, w. A. Charbonneau
2007-2008	Software Engineering for Mainframe Migration Toward SOA, CAN\$8,706, STO, w. M. Iglewski
2007-2008	Venture Capital and Regional Development, CAN\$12,472, MDEIE, w. H. Kane et al.
2007-2008	Success Factors for Software as a Service, CAN\$800, UQO FIRC
2006-2007	Commercialization of Software as a Service, CAN\$10,000, UQO FIRC
2004-2005	Intelligent Market Monitoring, US\$20,000, NJIT SBR Fund
2003-2004	Buyer-Vendor Incubation as an IT Acquisition Strategy, US\$20,000, NJIT SBR Fund
2001-2003	ASPs and the Future of the Software Industry, CAN\$43,000, UQAM PAFARC

7.3. Awards

2011	New Jersey Policy Research Organization (NJPRO) Bright Idea Award for paper in Cloud Computing
2003	New Jersey Technology Council (NJTC) Excellence in Technology Education Award
2002-2003	NJIT School of Management Nominee for the NJIT Graduate Teaching Award
2000-2001	Ph.D. Scholarship, CIFORT, ESG, UQAM
1997-1999	Ph.D. Scholarship, MET, ESG, UQAM
1997-1998	Ph.D. Scholarship, FCAR Funds, Government of Quebec
1992-1993	National Masters' Thesis Award of the Institute of Public Administration of Canada
1990-1991	Undergraduate Dean's Honors List and Scholarship for Excellent Performance
1987-1988	Undergraduate Leaders' Scholarship for the creation of a Public Affairs Study Group

8. Faculty Leadership**8.1. UQO (2006-Today)**

- 2018: Program director of DBA and Master of Project Management
- 2017-2018: Interim Director, Dept. of Industrial Relations, 18 full-time professors, 2 support employees
- 2016- Today: Member of the Research Committee at UQO
- 2013-Today: Proposer, School of Management and Technology
- 2013-2015: Member, Strategic Planning Committee, Language Technology Research Center
- 2011-Today: Member, BAA MIS Concentration Development Committee
- 2011: Director, Dept. of Business Administration, 35 full-time professors, 5 support employees
- 2010-2011: Coaching, MIS Team, Jeux du Commerce

- 2009- Today: Member, SAP Alliance Academic Committee
- 2007: Interim Director, Masters of Project Management (MPM), 800 students, French & English programs
- 2006-2012: Webmaster for the department web sites
- 2006-2007: Co-Chair, Weekly Research Seminar Series
- 2006-2007: Chair, Proposal to Launch a New Graduate School of Management and Technology (with CS Dept.)
- 2006-2008: Coordinator, MIS and IT Management courses, program development between Admin. & CS depts.

8.2. NJIT (2002-2006)

- Chair, e-Business Laboratory (eLab), NJIT
- Chair, Instructional Resources Committee, AACSB Internal Review, School of Management, NJIT
- Chair, ERP and e-business Education Project, School of Management, NJIT
- Chair, Recruitment and Screening Committee for e-business and e-marketing Positions
- Chair, IT Staff Supervision Committee, School of Management, NJIT
- Coordinator, e-commerce courses, School of Management, NJIT

9. Associations

9.1. Membership and Leadership Positions

2020-Today	Society for Information Management (SIM) Academic Council Member
2020-Today	Association of Information Systems (AIS) SIGLEAD Member
2015-Today	IT Association of Canada (ITAC), Advisor, Business Technology Management (BTM) Forum
2014	CIO Association of Canada (CIOCAN), Ottawa Chapter
2012-2019	Canadian Advanced Technology Association (CATA), Executive in Residence
2013-2015	Public Sector IT Professional Association (DPI), Member, Advisory Board
2008-2014	Réseau Action TI, Outaouais Section
2005-2007	International Association of Software Architects (IASA), User Group Leader, EDU Committee
2005-2007	Integration Consortium (IC), VP Research and Standards, Edu and IC-BOK
2003-2007	Association of Computing Machinery (ACM), e-commerce SIG, Soft Eng SIG
2003-2006	Institute of Electrical and Electronics Engineers (IEEE), Computer Society, COMSOC
2004-2005	Association of Information Systems (AIS), e-business SIG, Business Process SIG
2000-2002	Academy of Management (AOM), Technology and Innovation Management (TIM)

9.2. Member of Academic-Industry Alliances

2002-Present	IBM Academic Initiative and wIBM WebSphere User Groups
2002-2009	Appian BPM and Compuware OptimalJ Academic Alliances
2003-2006	Oracle PeopleSoft and Microsoft Business Solutions Academic Alliances

10. Conference Organization

10.1. Conference, Track, Workshop, or Panel Co-Chair

- Chair, Section 600 Multi-Sectoral Workshops, ACFAS 2019, Gatineau
- Special Sessions, 2015 IFAC Symposium on Information Control in Manufacturing (INCOM 2015), Ottawa, May 11-13, 2015.
- Co-Organizer, 2nd Triennial Expert Panel on Property-Powered Rail in Open Markets, UQO and Carleton University, Gatineau, Sept. 16, 2014.
- Wireless Services and Business Track, Wireless Telecommunication Symposium (WTS 2009), Prague, April 2009
- Integration Consortium, Global Integration Summit (GIS), Boston, May 2006
- 2nd Workshop on Business Services Networks (BSN), IEEE CEC/EEE, San Francisco, June 2006
- Workshop of Service Oriented Business Process Integration (SOBPI), ICSOC, Amsterdam, Dec. 2005
- 6th IEEE International Conference on Web Information Systems Engineering (WISE 2005), Co-Chair of Industry Track, and Organize & Chair an Industry-Academia Panel on Future of SOA, New York, Nov. 2005
- IEEE Services Computing Conference (SCC 2005), Co-Chair, Services Provisioning Track, Orlando, July 2005
- 1st Workshop on Business Services Networks (BSN), IEEE EEE, Hong Kong, March 2005
- IEEE ITRE, Organize & Chair an Industry-Academia Panel on IT Training, August 2003

10.2. Member of Program Committees

1. 1st International IBM Cloud Academy Conference, Research Triangle Park, North Carolina, April 19-20, 2012
2. 5th International MCETECH Conference on eTechnologies, Les Diablerets, Switzerland, January 23-26, 2011
3. 13th IEEE International EDOC Conference (EDOC 2009), "Enterprise Computing Conference", 31 August - 4 September 2009, Auckland, New Zealand
4. 4th International MCETECH Conference on e-Technologies, Ottawa, ON, May 4-6, 2009
5. 6th International Conference on Information Technology: New Generations (ITNG 2009), Software Compliance Track, April 27-29, 2009, Las Vegas, USA
6. 12th IEEE International EDOC Conference (EDOC 2008), "Enterprise Computing Conference", September 15-19, 2008, Munich, Germany
7. 9th EC-Web, Turin, Italy, Sept. 2008
8. 3rd International MCETECH Conference on e-Technologies, 2nd Workshop on Practice and Theory of IT Security (PTITS), Montreal, QC, Jan.2008
9. 11th IEEE International EDOC Conference (EDOC 2007), "Enterprise Computing Conference", Indianapolis, MD, Oct. 2007
10. 8th EC-Web, Regensburg, Germany, Sept. 2007
11. Workshop on Conceptual Modeling of Service-Oriented Software Systems, Tucson, AZ, Nov. 2006
12. 2nd ICEBE, Shanghai, China, Oct. 2006
13. 10th IEEE International EDOC Conference (EDOC 2006), "Enterprise Computing Conference", Hong Kong, Oct. 2006
14. 7th EC-Web, Krakow, Poland, Sept. 2006
15. Minitrack in Process Management and Automation, AMCIS, Acapulco, México, August 2006
16. 1st ICEBE, Beijing, China, Oct. 2005
17. SIGPAM Workshop on Business Process Management Research, AMCIS, Omaha, NE, August 2005

11. Review Committees

11.1. Academic Conferences

1. Wireless Telecommunications Symposium (WTS), Pomona, CA, April 2008
2. HICSS, Mini-Track on HCI Issues in IT, Waikoloa, HI, January 2008
3. Administrative Sciences Association of Canada (ASAC), MIS Division, Ottawa, ON, June 2007
4. Wireless Telecommunications Symposium (WTS), Pomona, CA, April 2007
5. International Workshop on Community Informatics (COMINF'06), Montpellier, France, Nov. 2006
6. ICIS, Mini-Track on Web-based Information Systems and Applications, Las Vegas, NV, Dec. 2005
7. Academy of Management (AOM), TIM & BPS Divisions, Washington, DC, August 2001
8. Administrative Sciences Association of Canada (ASAC), TIM Division, Montreal, August 2000

11.2. Journals

2016-Today	Electronic Commerce: Research and Applications (Elsevier)
2014-Today	Electronic Commerce Research (Springer)
2014-Today	IT Professional (IEEE)
2014-Today	Health Expectations (Elsevier)
2011-Today	Management and Production Engineering Review (MPER)
2007-Today	International Journal of Interdisciplinary Telecommunications and Networking (IJITN)
2007	Telecommunications Systems Journal
2006	International Journal of Production Economics
2003-2004	IEEE Transactions on Engineering Management
2002-2003	Logistics Information Management
2001-2006	International Journal of Operations and Production management

11.3. Government Agencies

2015-Today	Natural Sciences and Engineering Research Council (NSERC), Government of Canada
2010-Today	Fonds Québécois de Recherche sur la Société et la Culture (FQRSC), Government of Québec
2009-Today	Social Sciences and Humanities Research Council (SSHRC), Government of Canada
2008	Agence Nationale de la Recherche (ANR), Government of France, Paris, France
2006	JACQUARD Industrial Innovation Program, Netherlands Research Organization (NRO)

2003-2005 Small Business Innovative Research (SBIR), National Science Foundation (NSF), USA

11.4. Textbook Publishers

1. P. Baltzan and C. Welsh, (2016), *Systemes d'information de gestion*, McGraw-Hill-Chenelière
2. Y. Langevin, translation of Gray and Larson, (2010), *Management de Projets*, McGraw-Hill-Chenelière
3. A. Afuah & C.L. Tucci, (2000), *Internet Business Models and Strategies*, McGraw-Hill
4. E. Oz, (2000), *Foundations of E-Commerce*, Prentice-Hall
5. E.M. Awad, (2000), *Electronic Commerce: From Vision to Fulfillment*, Prentice-Hall
6. W.S. Davis and S. Benamati, (2001), *e-Commerce Basics*, Addison-Wesley