

Curriculum Vitae
VEDAT VERTER

Smith School of Business
143 Union Street
Kingston, Ontario
Canada K7L 3N6

[Homepage](#) [Google Scholar](#)

Tel: (613) 533.36194
Fax: (613) 533.2325
Office Goodes Hall 461
E-mail: vedat.verter@queensu.edu

ACADEMIC APPOINTMENTS:

Aug' 22 - present	Professor , Smith School of Business, Queen's University
July '19 – Aug' 22	John H. McConnell Endowed Chair of Business Administration Broad College of Business, Michigan State University
May '13 – June '19	James McGill Professor , McGill University.
Apr '09 – June '19	Professor , Desautels Faculty of Management, McGill University.
Jan '16 – Jun '16	Visiting Professor, Industrial and Operations Engineering Dept, Univ. of Michigan.
Sep '12 – Sep '15	Adjunct Professor, Mechanical and Industrial Engineering, University of Toronto
Sep '08 - Aug '09	Visiting Professor, Dep. of Industrial Engineering, Boğaziçi Univ.
Sep '06 – Sep '15	Adjunct Professor, M.Sc. in Health Systems Program, University of Ottawa
Sep '05 – Sep '14	Associate Member, McGill School of Environment
June '01 - Mar '09	Associate Professor , Desautels Faculty of Management, McGill University.
Aug '01 - July '02	Visiting Professor, Rotman School of Management, University of Toronto.
July '95 - May '01	Assistant Professor , Faculty of Management, McGill University.

MAJOR LEADERSHIP & OUTREACH ROLES¹:

July '19 – Aug' 22	Department Chair, Supply Chain Management (SCM) Broad College of Business, Michigan State University <i>SCM Department has 15 tenure system faculty, five full-time fixed-term faculty and five administrative support staff. We offer an undergraduate SCM Major (350 students per year), and MBA SCM concentration (50 students per year), MS-SCM program (80 students per year) and two PhD Programs (total of 10 students).</i>
May' 21- Aug' 22	Member, Technical Advisory Board, The Axia Institute: Delivering Value Chain Solutions

¹ Full list is provided in Section IV.

- Apr' 21- Dec' 21 Member, Food Supply Chain and Food Systems Workgroup, Michigan Governor's Food Security Council
- Apr' 21 – Mar' 22 Advisory Board Member, Supply Chain Program Initiative, Jackson State University, Mississippi
- May'17 –July' 19 Academic Director, McGill Center for the Convergence of Health and Economics
Major responsibilities included leading a cross-faculty collaboration that brings together academicians and practitioners from across McGill and the corporate world.
- Sep' 12 – July' 19 Founding Director, Healthcare Laboratory, McGill University
Funded by Canadian Foundation for Innovation Leaders Opportunity Fund (CFI). The Lab houses PhD students and Post-docs and provide them with access to state-of-the-art hardware and software, including real time location systems (using infrared and wi-fi) installed in Jewish General Hospital.
- May '17 – Mar' 18 Founding Academic Director, Master of Management in Analytics Program (MMA), McGill University
This is a privatized, multi-disciplinary, pre-experience program on business analytics and is designed around experiential learning as a key programmatic element. Major responsibilities included budgeting, curriculum development, receiving government approval and launching the program.
- Mar' 12 – Sep' 16 Founding Associate Director, Marcel Desautels Institute for Integrated Management
This institute champions an integrated management approach that includes cross-disciplinary programs and the linking of teaching, research, and practice. Major responsibilities included recruitment of new faculty and fundraising.
- Oct' 05 - Sep'16 Director, MD-MBA Program
This graduate program is the flagship project of the strategic alliance between the Faculties of Medicine and Management in McGill. Major responsibilities included curriculum development, alumni engagement, relations with the health sector, workshop series with speakers from practitioners, fundraising for student scholarships, leading capstone projects.
- Sep' 09 - Sep' 15 Founding Director, NSERC CREATE Ph.D. and Post-doctoral Training Program on Healthcare Operations and Information Management
This seven-university alliance, supported by 50+ collaborators from the health sector across Canada, is structured to drastically improve the collective capacity of the partner universities for training doctoral students and post-doctoral fellows, who will become significant contributors to healthcare research, practice and policy making. Major responsibilities included establishing a network of 30+ academicians and 50+ healthcare professionals, budgeting and reporting to the granting agency as well as the Advisory Board of practitioners, curriculum development, construction of a new state of the art classroom equipped with videoconferencing technology, organizing summer schools and seminar series, fostering the research and training partnership across the partner Universities.

Table of Contents

SECTION I: RESEARCH4

RESEARCH EXPERTISE:	4
LIST OF PUBLICATIONS:	4
A. ARTICLES IN REFEREED JOURNALS:	4
B. CONTRIBUTED BOOK CHAPTERS (INVITED & REFEREED):	9
C. EDITED VOLUMES OF REFEREED JOURNALS:	11
D. PAPERS IN THE REFEREEING PROCESS:	11
E. CONFERENCE PROCEEDINGS AND NON-REFEREED PUBLICATIONS:	12
F. WORKING PAPERS:	14
G. MEDIA COVERAGE:	15
RESEARCH GRANTS, HONORS & AWARDS	16
A. CURRENT GRANTS:	16
B. GRANTS FORMERLY HELD:	17
C. GRANT APPLICATIONS PENDING	19
D. HONORS AND AWARDS:	20

SECTION II: TRAINING OF HIGHLY QUALIFIED PERSONNEL (HQP)21

TEACHING EXPERIENCE:	21
A. CURRENT POST-DOCTORAL FELLOWS:	21
B. CURRENT DOCTORAL STUDENTS:	21
C. FORMER POST-DOCTORAL FELLOWS:	21
D. FORMER DOCTORAL STUDENTS:	23
E. RESEARCH TECHNICIANS:	25
F. MASTER-LEVEL RESEARCH PROJECT AND INTERNSHIP SUPERVISION:	25
G. UNDERGRADUATE-LEVEL RESEARCH PROJECT AND INTERNSHIP SUPERVISION	27
H. DOCTORAL COMMITTEE MEMBERSHIPS AND OTHER INVOLVEMENT:	28

SECTION III: SERVICE CONTRIBUTIONS.....29

FORMER PROFESSIONAL AFFILIATIONS:	30
EDITORIAL ASSIGNMENTS:	31
ADMINISTRATIVE CONTRIBUTIONS TO THE UNIVERSITY (SINCE 2005):	31
REFEREEING, EVALUATION AND EXAMINER SERVICES (SINCE 2005):	33
CONFERENCE, SYMPOSIUM AND WORKSHOP ORGANIZATION.....	37

SECTION IV: OTHER CAREER ACCOMPLISHMENTS40

INVITED LECTURES AND RESEARCH SEMINARS (SINCE 2005):	40
CONFERENCE PRESENTATIONS (SINCE 2005):	43

SECTION I: RESEARCH

RESEARCH EXPERTISE:

- Health Care Analytics
- Socially Responsible Supply Chains
- Humanitarian Logistics
- Hazardous Materials Transportation (risk assessment, routing and regulation)

As of May 21, 2023; [Google Scholar](#) identified 7,112 citations with a corresponding h-index of 42.

Total research grants secured as principal investigator amounts to Can\$ 6.1 million and as co-applicant or co-investigator amounts to Can\$ 10.1 million.

Supervised 17 doctoral students and 26 post-doctoral fellows.

LIST OF PUBLICATIONS:

A. Articles in Refereed Journals:

1. Verter, V., T. Boyaci M. Galbreth, “Design for Reusability and Product Reuse under Radical Innovation”, to appear in *Sustainability Analytics and Modeling*, (accepted, June2023). https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2752343
2. Shi, J., W. Chen and V. Verter (2023), “The Joint Impact of Environmental Awareness and System Infrastructure on E-Waste Collection”, *European Journal of Operational Research*, Vol. 310, No. 2, pp. 760-772. <https://doi.org/10.1016/j.ejor.2023.03.011>
3. Cousineau, M., V. Verter, S.A. Murphy, J. Pineau (2023), “Estimating Causal Effects with Optimization-Based Methods: A Review and Empirical Comparison”, *European Journal of Operational Research*, Vol 304, No 2, pp. 367-380. <https://doi.org/10.1016/j.ejor.2022.01.046>
4. Mahmoudi M., K. Shirzad, V. Verter (2022), “Decision support models for managing food aid supply chains: A systematic literature review” *Socio Economic Planning Sciences*, Volume 82, Part B, August 2022, 101255. <https://doi.org/10.1016/j.seps.2022.101255>
5. Zhou, Y., M. Parlar, V. Verter and S. Fraser (2021), “Surgical Scheduling with Constrained Patient Waiting Times” *Production and Operations Management*, Vol 30, No 9, pp 3253-3271. <https://doi.org/10.1111/poms.13427>
6. Sahinyazan, F.G., M. Rancourt, V. Verter (2021), “On Improving Transportation Procurement in the Humanitarian Sector: A Data-driven Approach for Abnormally Low Bid Detection”, *Production and Operations Management*, Vol 30, No 4, pp. 1082-1109. <https://doi.org/10.1111/poms.13293>

7. Sahinyazan, F.G., M. Rancourt, V. Verter (2021), "Food Aid Modality Selection Problem", *Production and Operations Management*, Vol 30, No 4, pp. 965-983
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8. Melnyk, S.A., T. Schoenherr, V. Verter, C. Evans and C. Shanley (2021), "The pandemic and SME Supply Chains: Learning from early Experiences of SME Suppliers in the US Defense Industry", *Journal of Purchasing and Supply Management*, Vol 27, No 4, 100714
9. Zhao, J. M. Verma and V. Verter (2021) " Pipeline transportation of crude oil in Canada: Environmental risk assessment using modified diffusion models", *Human and Ecological Risk Assessment*. Vol 27, no 5, pp.1206-1226.
10. Klein, M., V. Verter, H.G. Fraser, B.G. Moses (2021) "Specialist Care in Rural Hospitals: From Emergency Department Consultation to Inpatient Ward Discharge", *IIE Transactions*, Vol 53, No 4, pp. 375-388. Featured in *Industrial and Systems Engineer* magazine (March 2021).
11. Frank, D., E. Fan, A., Georghiou, V. Verter (2020), "Community treatment order outcomes in Quebec - a unique jurisdiction", *Canadian Journal of Psychiatry*, Vol 65, No 7, pp. 484-491.
12. Turken, N., J. Carrillo and V. Verter (2020), "Strategic Supply Chain Decisions Under Environmental Regulations: When to Invest in End-of-Pipe and Green Technology", *European Journal of Operational Research*, Vol 283, No 2, pp. 601-613.
13. Klein, M., V. Verter, B.G. Moses (2020), "The Design of Dialysis Facility Networks in a Rural Area", *European Journal of Operational Research*. Vol 282, No 3, pp. 1088-1100.
14. Samiedaluie, S. and V. Verter (2019), "The impact of specialization of hospitals on patient access to care; a queuing analysis with an application to a neurological hospital", *Health Care Management Science*, Vol. 22, pp 709–726
15. Intrevado, P., V. Verter and L. Tremblay (2019) "Patient-Centric Design of Long-Term Care Networks" *Health Care Management Science*, Vol 22, pp. 376–390.
16. Mazahir S., V. Verter, T. Boyaci, and L. Van Wassenhove (2019), "Did Europe Move Toward the Right Direction in WEEE", *Production and Operations Management*, Vol 28, No 1, pp. 121-139.
17. Karimi, A. M. Gendreau and V. Verter (2018) "Performance Evaluation of Emergency Service Systems with Priorities and Partial Backups", *Transportation Science*, Vol 5 No 5 pp 1235-1252.
18. Zargoush, M., M. Gumus, V. Verter, S. Daskalopoulou (2018), "Designing Individualized Therapy for Patients with Hypertension", *Production Operations Management*, Vol 27, No 12, pp. 2291-2312.
19. Kumar A., D. Roy, V. Verter and D. Sharma (2018), "Integrated Fleet Mix and Routing Decision for Hazmat Transportation: A Developing Country Perspective", *European Journal of Operational Research*, Vol 264 No 1, pp 225-238.
20. Siddiqui, A., M. Verma and V. Verter (2018), "An integrated framework for inventory management and transportation of refined petroleum products: Pipeline or Marine?", *Applied Mathematical Modelling*, vol 55, 224-247.
21. Bittencourt, O., V. Verter and M. Yalovsky (2018), "Hospital Capacity Management based on the Queuing Theory", *International Journal of Productivity and Performance Management*, vol 67 No 2

22. Samiedaluie, S., B. Kucukyazici, V. Verter and D. Zhang (2017), "Patient Admission Policies in A Neurology Ward", *Operations Research*, Vol 65, No 3 pp 635-656.
23. Cilaci-Tombus A., N. Aras and V. Verter (2017), "Designing Distribution Systems with Reverse Flows", *Journal of Remanufacturing*, Vol 2-3, pp 113-137.
24. Turken, N., J. Carrillo and V. Verter (2017), "Facility Location and Capacity Acquisition under Carbon Tax and Emission Limits: To Centralize or To Decentralize?", *International Journal of Production Economics*, Vol 187, pp 126–141.
25. Bittencourt, O., V. Verter and M. Yalovsky (2017), "Daily capacity management for hospitals: A Brazilian Case Study", *International Journal of Services and Operations Management*, Vol 27, No 1 pp 102-121.
26. Madani, A., B. Gallix, C. M. Pugh, D. Azagury, P. Bradley, D. Fowler, B. Hannaford, S. Macdonald, K. Miyasaka, N. Nuño, A. Szold, V. Verter R. Aggarwal (2017) "Evaluating the Role of Simulation in Health Care Innovation: Recommendations of the Simnovate™ Medical Technologies Domain Group", *BMJ Simulation and Technology Enhanced Learning*, Vol 3 (Suppl 1), S8-S14.
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28. Graber-Nadich, A., M. Carter, V. Verter (2017), "Restructuring the Education System for Improving the Equity of Access to Primary Care", *European Journal of Operational Research*, Vol. 258, pp. 1143–1155.
29. Murat, A., G. Laporte and V. Verter (2016), "A Global Shooting Algorithm for the Facility Location and Capacity Acquisition Problem on a Line with Dense Demand", *Computers and Operations Research*, Vol 71, pp. 1–15.
30. Ibrahim, R., B. Kucukyazici, V. Verter, M. Gendreau, and M. Blostein (2016), "Designing Personalized Treatment: An Application to Anticoagulation Therapy", *Production and Operations Management*, Vol. 25, No. 5, May 2016, pp. 902–918.
31. Menezes, M., D. Ruiz-Hernandez, V. Verter (2016), "A Rough-cut Approach for Evaluating Location-Routing Decisions via Approximation Algorithms", *Transportation Research: Part B*, Vol 87, 89–106
32. Aboolian, R., O. Berman and V. Verter (2016), "Maximal Accessibility Network Design in the Public Sector", *Transportation Science*, Vol 50, No 1, 336–347.
33. Chen, W., B. Kucukyazici, V. Verter and M.J. Saenz (2015) "Supply chain design for unlocking the value of remanufacturing under uncertainty", *European Journal of Operational Research*, Vol 247, pp. 804–819.
34. Graber-Nadich, A., M. Carter and V. Verter (2015) "Primary Care Facility Network Development - the Regulator's Perspective", *Journal of Operational Research Society*, Vol 66, pp. 1519–1532.
35. Zhao, J.H. and V. Verter (2015) "A bi-objective model for the used oil location-routing problem", *Computers & Operations Research*, Vol 62, pp. 157-168.

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40. Kecici, S., N. Aras, and V. Verter (2012), "Incorporating the Threat of Terrorist Attacks in the Design of Public Service Facility Networks", *Optimization Letters*, Vol. 6, No. 6, pp. 1101-1121.
41. Klement, W., W. Szymon , W. Michalowski, K. Farion, M.H. Osmond, and V. Verter (2012), "Predicting Need for CT Imaging of Children with Minor Head Injury using an Ensemble of Naive Bayes Prediction Models", *Artificial Intelligence in Medicine*, Vol. 54, No. 3, pp. 163-170.
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43. Zhang, Y., O. Berman and V. Verter (2012), "The Impact of Client Choice on Preventive Healthcare Facility Network Design", *OR Spectrum*, Vol. 34, No.2, pp. 349-370.
44. Verma, M., V. Verter and N. Zufferey (2011), "A Tactical Planning Model for Rail-Truck Intermodal Transportation of Hazardous Materials", *Transportation Research Part E*, Vol. 48, No. 1, pp. 132-149.
45. Toyasaki, F., T. Boyaci and V. Verter (2011), "An Analysis of Monopolistic and Competitive Take-Back Schemes for WEEE Recycling", *Production and Operations Management*, Vol. 20, No. 6, pp. 805-823.
46. Murat, A., V. Verter and G. Laporte (2011), "A Multi-Dimensional Shooting Algorithm for the Two-Facility Location-Allocation Problem with Dense Demand", *Computers & Operations Research*, Vol. 38, No. 2, pp. 450-463.
47. Kucukyazici, B., V. Verter, and N. Mayo (2011), "An Analytical Framework for Designing Community-based Care for Chronic Diseases", *Production and Operations Management*, Vol. 20, No. 3, pp. 474-488.
48. Verma, M., V. Verter and M. Gendreau (2011), "A Tactical Planning Model for the Railroad Transportation of Dangerous Goods", *Transportation Science*, Vol. 45, No. 2, pp. 163-174.
49. Zhang, Y., O. Berman, P. Marcotte and V. Verter (2010), "A Bilevel Model for Designing Preventive Healthcare Facility Networks", *IIE Transactions*, Vol. 42, No. 12, pp. 865-880.
50. Murat, A., V. Verter and G. Laporte (2010), "A continuous analysis framework for the solution of location-allocation problems with dense demands", *Computers & Operations Research*, Vol. 37, No. 1, pp. 123-136.

51. Verma, M., and V. Verter (2010), "A Lead-Time Approach to Intermodal Transportation of Hazardous Materials", *European Journal of Operational Research*, Vol. 202, pp. 696–706.
52. Kucukyazici, B., V. Verter, L. Nadeau and N. Mayo (2009), "Improving Post-Stroke Health Outcomes: Can Facilitated Care Help?", *Health Policy*, Vol. 93, pp. 180-187.
53. Zhang, Y., O. Berman, and V. Verter (2009), "Incorporating Congestion in Preventive Healthcare Facility Network Design", *European Journal of Operational Research*, Vol. 198 No. 3, pp. 922-935.
54. Marcotte, P., A., Mercier, A., G. Savard and V. Verter (2009), "Toll Policies for Mitigating Hazardous Materials Transport Risk", *Transportation Science*, Vol. 43, No. 2, pp. 228-243.
55. Verter, V., and B. Kara (2008), "A Path-Based Approach for the Hazmat Transport Network Design Problem", *Management Science*, Vol. 54, No. 1, pp. 29-40.
56. Berman, O., V. Verter and B. Kara (2007), "Designing Emergency Response Networks for Hazardous Materials Transportation", *Computers & Operations Research*, Vol. 34, No.5, pp. 1374-1388.
57. Verma, M. and V. Verter (2007), "Rail Transportation of Hazardous Materials: Population Exposure to Airborne Toxins", *Computers & Operations Research*, Vol. 34, No.5, pp. 1287-1303.
58. Wojanowski, R., V. Verter and T. Boyaci (2007), "Retail-Collection Network Design under Deposit-Refund", *Computers & Operations Research*, Vol. 34, No. 2, pp. 324-345.
59. Aras, N., V. Verter and T. Boyaci (2006), "Coordination and Priority Decisions in Hybrid Manufacturing/Remanufacturing Systems", *Production and Operations Management*, Vol. 15, No 4, pp. 528-543.
60. Segal, E. V. Verter, A. Colacone, M. Afilalo (2006), "The In-hospital Interval: A description of EMT time spent in the ED", *Prehospital Emergency Care*, Vol. 10, No. 3, pp. 378-382.
61. Verter, V., B. Kucukyazici, and N. Mayo (2005), "On the Significance of Reducing the Need for Stroke Patients to Visit the Emergency Room", *Clinical and Investigative Medicine*, Vol 28, No. 6, pp. 371-373.
62. Dasci A. and V. Verter (2005), "Evaluation of Plant Focus Strategies: A Continuous Approximation Framework", *Annals of Operations Research*, Vol. 136, pp. 303-327.
63. Kara, B. and V. Verter (2004), "Designing a Road Network for Hazardous Materials Transportation", *Transportation Science*, Vol. 38, No. 2, pp. 188-196.
64. Aras, N., T. Boyaci, and V. Verter (2004), "The Effect of Categorizing Returned Products in Remanufacturing", *IIE Transactions*, Vol. 36, No. 4, pp. 319-331.
65. Kara, B., E. Erkut and V. Verter (2003), "Accurate Calculation of Hazardous Materials Transportation Risks", *OR Letters*, Vol. 31, pp. 285–292.
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69. Verter, V. and B. Kara (2001), "A GIS-based Framework for Hazardous Materials Transport Risk Assessment", *Risk Analysis*, Vol. 21, No. 6, pp. 1109-1120.
70. Dasci, A. and V. Verter (2001), "The Plant Location and Technology Acquisition Problem", *IIE Transactions*, Vol. 33, pp. 963-973.
71. Dasci, A. and V. Verter (2001), "A Continuous Model for Production-Distribution System Design", *European Journal of Operational Research*, Vol. 129, No. 2, pp. 287-298.
72. Bulgak, A., Y. Tarakci, and V. Verter (1999), "Robust Design of Asynchronous Flexible Assembly Systems", *International Journal of Production Research*, Vol. 37, No. 14, pp. 3169-3184.
73. Erkut, E. and V. Verter (1998), "Modeling of Transport Risk for Hazardous Materials", *Operations Research*, Vol. 46, No. 5, pp. 625-642.
74. Verter, V. and E. Erkut (1997), "Incorporating Insurance Costs in Hazardous Materials Routing Models", *Transportation Science*, Vol. 31, No. 3, pp. 227-236.
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77. Erkut, E. and V. Verter (1995), "A Framework for Hazardous Materials Transport Risk Assessment", *Risk Analysis*, Vol. 15, No. 5, pp. 589-601.
78. Primrose, P.L. and V. Verter (1994), "Data Requirements for Manufacturing Strategy Planning", *International Journal of Manufacturing System Design*, Vol. 1, No. 1, pp. 41-49.
79. Verter, V. and C. Dinçer (1992), "An Integrated Evaluation of Facility Location, Capacity Acquisition and Technology Selection for Designing Global Manufacturing Strategies", *European Journal of Operational Research*, Vol. 60, No. 1, pp. 1-18.
80. Çetinkaya, S., V. Verter and C.H. Falkner (1992), "Manufacturing Flexibility for the Future of the Turkish Industry", (in Turkish), *Endüstri Mühendisligi*, Vol. 4, No. 18, pp. 3-13.
81. Falkner, C.H. and V. Verter (1991), "Separation and Normalization in Multi-Attribute Decision Models for Investment Evaluation", *The Engineering Economist*, Vol. 37, No. 1, pp. 77-85.
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B. Contributed Book Chapters (Invited & Refereed):

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2. Verter V. (2017), “POM for Healthcare: Focusing on the upstream: Management of Preventive and Emergency Care”, Chapter 23 pp. 427-442 in Routledge Companion for Production and Operations Management *Contributions from 50 Global POM Thought Leaders*. M. Starr and S. Gupta (editors), Routledge.
3. Verter, V. and Y. Zhang (2015), “Location Models for Preventive Care”, Ch 9 in Eiselt H.A. and V. Marianov (Eds), *Applications of Location Analysis*, Springer-Verlag.
4. Marcotte, A. Mercier, G. Savard and V. Verter (2013) “Gestion du risque lié au transport des matières dangereuses: une approche basée sur la tarification” in Marcalis-Warin, N., M. Trepanier and I. Peignier (Eds) *Stratégies Logistiques et Matières Dangereuse*, Chapter 7, Presses Internationales Polytechnique.
5. Verma M. and V. Verter (2013), “Railroad Transportation of Hazardous Materials: Models for Risk Assessment and Management” in R. Batta and C. Kwon (editors) *Handbook of OR/MS Models in Hazardous Materials Transportation*, pp. 9 – 48, Springer.
6. Kucukyazici B. and V. Verter (2013), “Community-based Care for Chronic Diseases: The Quantitative Approach” in G. Zaric (editor), *Operations Research and Health Care Policy*, pp. 71-90, Springer.
7. Verma, M. and V. Verter (2012), “Security of hazmat transports by railway”, in G. Reniers and L. Zamparini (eds.) *Security Aspects of Uni- and Multi-modal Hazmat Transportation Systems*, pp. 49-70, Wiley-VCH.
8. Bagheri, M., M. Verma and V. Verter (2012), “An Expected Risk model for Rail Transport of Hazardous Materials”, in Garbolino, E., M. Tkiouat, N. Yankevich and D. Lachtar (editors) *Transport of Dangerous Goods: Methods and Tools for Reducing the Risks of Accidents and Terrorist Attack*, pp. 207-226, Springer.
9. Verter, V. (2011), “Hazardous Materials Transportation”, the *Wiley Encyclopedia of Operations Research and Management Science*, published online DOI: 10.1002/9780470400531.eorms0372
10. Verter, V. (2011), Uncapacitated & capacitated facility location problems, in Eiselt H.A. and Marianov V. (editors) *Principles of Location Science*, pp. 25-37, Springer.
11. Aras, N., T. Boyaci, and V. Verter (2010), Designing the Reverse Logistics Network, in Ferguson, M. and Souza G., (editors) *Closed Loop Supply Chains: New Developments to Improve the Sustainability of Business Practices*, pp. 67-98, CRC Press.
12. Dasci, A and V. Verter (2009), “The Production-Distribution System Design Problem: Recent Advances”, in Floudas, C. and P. Pardalos (editors), *Encyclopedia of Optimization Second Edition*, pp. 3088-3098, Springer US.
13. Verma, M., and V. Verter (2008), “ The Trade-offs in Rail-Truck Intermodal Transportation of Hazardous Materials: An Illustrative Case Study” in C. Bersani, A. Boulmakoul, E. Garbolino, R. Sacile (editors), *Advanced Technologies and Methodologies for Risk Management in the Global Transport of Dangerous Goods*, pp. 149-168, IOS Press.
14. Erkut. E., S. Tjandra and V. Verter (2007), “Hazardous Materials Transportation”, Chapter 9 in *Transportation*, C. Barnhart and G. Laporte (editors), *Handbooks in Operations Research and Management Science Vol. 14*, Elsevier, pp. 539-621.

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16. Verter, V. (1998), "On the Risks of Transporting Dangerous Goods", in Jorissen R. E. and P.J.M. Stallen (editors), *Quantified Societal Risk and Policy Making: Approaches from Different Hazard Domains*, pp. 73-83, Kluwer Academic Publishers.
17. Verter, V. and E. Erkut (1996), "Hazardous Materials Logistics: An Annotated Bibliography" in Carraro C. and A. Haurie, (editors) *Operations Research and Environmental Management*, pp. 221-267, Kluwer Academic Publishers.
18. Erkut, E. and V. Verter (1995), "Hazardous Materials Logistics", in Drezner, Z. (editor), *Facility Location: A Survey of Applications and Methods*, pp. 467-506, Springer-Verlag.
19. Verter, V. and C. Dincer (1995), "Global Manufacturing Strategy", in Drezner, Z. (editor), *Facility Location: A Survey of Applications and Methods*, pp. 263-282, Springer-Verlag.

C. Edited Volumes of Refereed Journals:

1. Castellano, R., L. D'Ambra, P. Durso, S. De Iaco and V. Verter (editors) Special issue of *Annals of Operations Research on Statistical Methods and Data-Driven for Decision Making in Public Sector*, to be published in 2024.
2. Gupta, D. and V. Verter, (editors) Special issue of *Journal of Operational Research Society on Health Systems Operations Research*, Vol. 65 No 4, April 2014.
3. Verter, V. and F. Ulengin (editors), Special issue of *Transportation Research Part C on Odysseus 2009*, Vol. 19, No. 5, August 2011.
4. Crainic, T., G. Laporte and V. Verter (editors), Special issue of *Transportation Science on Freight Transportation and Logistics* Vol. 43, No. 2, May 2009.
5. Verter, V. and T. Boyaci (editors), Special issue of *Computers and Operations Research on Reverse Logistics*, Vol. 34, No. 2, February 2007.
6. Verter, V. and A. Pinsonneault (editors), Special issue of *INFOR on Integrative Healthcare Management*, Vol. 43, No. 4, November 2005.
7. Eiselt H.A., G. Laporte and V. Verter (editors), Special issue of *Annals of Operations Research* devoted to the 9th International Symposium on Locational Decisions, Vol. 136, May 2005.

D. Papers in the Refereeing Process:

1. Luzon, Y., O. Baron, O. Berman and V. Verter "On Designing a Fire Emergency Vehicle Fleet", submitted to *Manufacturing & Service Operations Management*, June 2023.
2. Cousineau, M., V. Verter and G. Turecki, "The impact of psychiatric outpatient follow-up visit frequency on clinical outcomes and waiting times", submitted to *American Journal of Medical Care*, January 2023, revised June 2023.

3. Hejajian, H., B. Kucukyazici, J. Nasiry, V. Verter, D. Frank “ The Impact of Hospital and Patient Characteristics on Psychiatry Readmissions ”, submitted to *Manufacturing & Service Operations Management*, February 2023. (reject & resubmit; rebuttal in progress).
4. Ghazalbash, S., M. Zargoush, V. Verter, S. Guilcher, K. Kuluski “A Data-Driven Approach to Address Fragmented Readmissions Among Older Adults: Prediction, Decision-Making, and Fairness Considerations”, submitted to *Production and Operations Management*, November 2022. (under revision for second round review).
5. Hoseinpour, P., B. Kucukyazici and V. Verter. “Nurse Workload Balancing using Real-Time Location Systems”, submitted to *Operations Research*, March 2022. (under revision for second round review with submission due date October 12, 2023).
6. Zargoush, M., M. Gumus, V. Verter, S. Daskalopoulou, “On the Significance of Measurement Noise and Physician Judgment Bias in Hypertension Management”, submitted to *Manufacturing & Service Operations Management*. May 2021 (under revision for second round review).

E. Conference Proceedings and Non-refereed Publications:

1. Melnyk, S., J. Miller, V. Verter (2021), “The Chip Crisis: The Best of Times; the Worst of Times”, LinkedIn post https://lnkd.in/e_apKpw , March 2021.
2. Verter, V. (2021) “Advice” in DeLuca, C., and S. W. MacGregor (editors) *The Prosperous PhD: Advice from Award-Winning Supervisors*, Harvard University Press.
3. Verter, V. (2020), “Editorial: Passing the SEPS Torch”, *Socio-Economic Planning Sciences*, Vol. 72, p. 1.
4. Griffis, S., S. Narayaman, V. Verter, J. Whipple, B. Ross, T. Malone and A. Schaefer (2020) “Supply Chain Resiliency: Post Pandemic Outlook for the Agri-Food Industry” Report, Michigan State University.
5. LaMore, R., et al. and V. Verter (2020), “Building a more Sustainable Economy in Michigan: Priority Actions for Supporting an Extended Producer and Circular Economy”, MSU Center for Community and Economic Development EPR/Circular Economy White Paper, https://domicology.msu.edu/upload/whitepapers/epr-event_wp-web.pdf
6. Schoenherr, T., S. Talluri and V. Verter (2020), “What CEOs Need To Know As U.S. Industry Rallies To Fight COVID-19” *Chief Executive*, April 10, 2020. <https://chiefexecutive.net/what-ceos-need-to-know-as-u-s-industry-rallies-to-fight-covid-19/>
7. Verter, V. (2018), “Editorial: SEPS plans to publish a series of special issues”, *Socio-Economic Planning Sciences*, Vol. 66, p. 1.
8. Oliver, K., L. Lapointe and V. Verter (2017), “Comment les gestionnaires font-ils face aux changements de la réforme ?” *Le Point en Santé et services sociaux* ,Vol. 12 (4), pp 20 – 30.
9. Verter, V. (2017), “Mémor: What topic should I study my Professor?” (In Turkish, on the passing of Professor of I. Kavrakoglu) <http://ibrahimkavrakoglu.blogspot.com.tr/2016/10/yoneticilik.html#VVer>

10. Verter, V. (2016), "Editorial: SEPS takes the next step", *Socio-Economic Planning Sciences*, Vol. 53, p. 1.
11. Verma, V. V. Verter and J. Cheng, "Train makeup optimization for mitigating the risk of hazardous cargo, to appear in *Proceedings of CTRG2015 - the Transportation Research Conference*, India, December 2015.
12. Menezes, M. and V. Verter (2014), "Improving the collection of household recyclables at City of Calgary", *CORS Bulletin* Vol 48, No 1, pp 17-18.
13. Zargoush, M. M. Gumus and V. Verter (2014), "When is it optimal to prescribe antihypertensive medications? An MDP Analysis", *Proceedings of the Global Conference on Healthcare Systems Engineering 2014 Istanbul, Turkey (CD-ROM)*.
14. Verter, V. (2014), "Editorial: A Bright Outlook for SEPS", *Socio-Economic Planning Sciences*, Vol. 48, No. 1.
15. Verter, V. (2013), "President's Message: 2013 was a Good Year for INFORMS HAS", *HAS Newsletter*, online November 2013.
16. Verter, V. (2013), "Society Spotlight: INFORMS Health Applications Society", *OR/MS Tomorrow*, online November 2013.
17. Bittencourt, O., Yalovsky, M. and Verter, V. (2013), "Contributions for the Hospital Operations Management in the light of Queueing Theory to the Healthcare System in Developing Countries - a case study", *Proceedings of the 16th Symposium of Production Management, Logistic and Operations International (SIMPOI)*, Sao Paulo, Brazil.
18. Strumpf, E., S. Faraj and V. Verter (2013), "Making Decisions about Activity-Based Financing in Health Care: Payment Mechanisms and Policy Goals", *Policy Brief for Quebec Ministry of Finance and Economy*, May 2013.
19. Verter, V. (2011), "Editorial: Starting a New Era for SEPS", *Socio-Economic Planning Sciences*, Vol. 45, No. 4.
20. Bagheri, M., M. Verma and V. Verter (2011), "A Comprehensive Risk Assessment Framework for Rail Transport of Hazmats", *Proceedings of the 1st International Conf. on Transportation Information and Safety*, ICTIS 2011, pp. 2174-2182, DOI: 10.1061/41177(415)275.
21. Denton, B. and V. Verter (2010), "Healthcare OR", *ORMS Today*, Vol. 37, No. 5, pp. 54-56.
22. Aras, N. and V. Verter (2010), "On the Benefits of Integrated Network Design for Closed-Loop Supply Chains", to appear in *Proceedings of the 3rd International Conference on information Systems, Logistics and Supply Chain*, ILS 2010, Casablanca, April 2010.
23. Verma, M., V. Verter and M. Gendreau (2009), "A Tactical Planning Model for Rail transport of Dangerous Goods", *Proceedings of the 3rd International Conference on Global Interdependence & Decision Sciences*, Hyderabad, December 2009. **Best Paper award** at the 3rd Annual Conference of the Indian Subcontinent Decision Sciences Institute Region.
24. Verma, M. and V. Verter (2008), "A Bi-Objective Model for Rail-Truck Intermodal Transportation of Hazardous Materials", *Proceedings of ASAC Halifax*, pp. 114-123.

25. Verma, M., V. Verter and M. Gendreau (2007), “A Bi-Objective Optimization Model for the Railroad Transportation of Hazardous Materials”, in the *Proceedings of 11th World Congress on Transportation Research*, Berkeley.
26. Kucukyazici, B., V. Verter, L. Nadeau, N. Mayo (2007) “A Scenario-based Approach to the Improvement of Healthcare Delivery to Stroke Patients in the Community”, *Proceedings of the European Working Group on Operations Research Applications in Health Systems (ORAHs)*, pp. 253-264.
27. Verter, V and A. Murat (2007), “Location Theory – A Unified Approach, by Stefan Nickel and Justo Puerto”, book review, *Mathematical Methods of Operations Research*, Vol. 66, pp. 369 – 371.
28. Verma, M. and V. Verter (2006) “Intermodal Transportation of Dangerous Goods: A Special Case”, *Proceedings of the 36th Atlantic Schools of Business Conference*, pp. 187-196.
29. Verma, M. and V. Verter (2005), “An Enumerative Approach to Rail-Truck Intermodal Transportation of Mixed Shipments”, *Proceedings of the Annual International Conference of the German Operations Research Society*. Springer, pp. 85-90.
30. Verma, M. and V. Verter (2004), “Transport Risk Assessment of the Daily Rail Shipments of Petroleum products Across Montreal”, in the *Proceedings of 10th World Congress on Transportation Research*, Istanbul, July 2004. (published in a CD-ROM).
31. Verter, V. (2002), “Operations Research Calculations Handbook by D. Blumenfeld”, book review, in *INFOR*, Vol. 40, p. 173.
32. Verter, V. and B. Kara (2002), “Alternative Approaches for Hazardous Materials Transport Network Design”, in *Proceedings of International Solid Waste Association Congress 2002*, Vol. 1, pp. 251-256.
33. Verter, V. and A. Dasci (1998), “The Production-Distribution System Design Problem”, in *Proceedings of Canadian Society of Mechanical Engineering Forum 1998*, Vol. 3, pp. 169-177.
34. Primrose, P L. and V. Verter (1996), Exaggerating the Importance of Labor Savings”, in *Industrial Management*, Vol. 38, No. 4, pp. 31-32.
35. Verter, V. and S. Çetinkaya (1991), “Productivity in Flexible Manufacturing Systems”, (in Turkish), *Proceedings of the First National Productivity Congress*, National Productivity Center Publications No. 454, pp. 687-695, November 1991.
36. Verter, V. and C. Dinçer (1990), “Manufacturing Strategies for Global Markets”, (in Turkish), *Anahtar*, Vol. 2, No. 24, December 1990.

F. Working Papers:

1. Frank, D., Fan E., A. Georghiu, and V. Verter, “Text-mining of clinical notes to improve the prediction of psychiatric admission risks”, to be submitted to *Canadian Journal of Psychiatry*, July 2023.
2. Kucukyazici, B., A. Georghiu, A. Nair, B. Naderi and V. Verter “Managing Regional Hospital Resources Amid COVID-19 for Improving Health Outcomes” to be submitted to *Production and Operations Management*, November 2021. (presented at MSOM 2022).

3. Hu, P., V. Verter, J. Zhao “Coordination in Emergency Response System Design: An Application to Hazardous Materials Transportation”, March 2019. To be submitted to SEPS.
4. Yilmaz, Z. and V. Verter “Simultaneous consideration of the accident and terror risks for hazardous materials transportation”, August 2022. To be submitted to *International Journal of Shipping and Transport Logistics*.
5. Nona, C., O. Lipp, E. Rudd, A. Dumais, D. Frank, V. Verter, S. Potvin “Completed Suicide during COVID-19: A Systematic Review”, October 2022..
6. Mazahir, S., T. Boyaci and V. Verter “Product Reuse under Disruptive Innovations”, April 2019.
7. Ghodboddini, M., V. Verter, “A Procedure-Oriented Approach for Integrated Management of Surgical Services”, August 2018.
8. Sahinyazan, F.G., M. Ramcourt, V. Verter, “Unraveling Transportation Market Seasonality affecting Food Aid Delivery: The Case of World Food Programme (WFP) Kenya”
9. Chen, W., Verter, V., Fleischmann, M. “Sourcing from the Poor: Extended Producer Responsibility for E-Waste in Developing Countries in the Presence of Active Informal Markets”
10. Sahinyazan F.G. and V. Verter, “Patient Flow Optimization through ICU in Montreal Children’s Hospital”, June 2014.

G. Media Coverage:

1. P. Maister, “Biden addresses US Supply Chain Resilience” *fDi*, April/May 2021, pp. 56-57 [Link](#)
2. April 8, 2021 “Michigan State graduate programs rank high nationally”, The State News, [Link](#)
3. March 31, 2021 Podcast: [Season 4 Episode 6 - A Look Inside MSU’s #1 Supply Chain Programs](#), Broad Matters.
4. March 31, 2021 “The supply chain shapes our lives: Spartan experts reveal why it matters” MSU Today, [Link](#).
5. February 19, 2020, “MSU research informs rural health care network design” Broad News [Link](#).
6. February 5, 2020, “Supply chain department hosts inaugural practitioner conference “ Broad News, [Link](#).
7. December 18, 2016, “Business schools heed the call for more data-literate graduates”, Globe and Mail, [Link](#).
8. August 12, 2016, CBC Radio Montreal for Radio Noon with Steve Rukavina
9. August 11, 2016, CTV Noon Newscast with Paul Karwatsky on the Diesel Truck accident on Metropolitan Highway
<http://montreal.ctvnews.ca/video?binId=1.1332485#928489>
10. August 11, 2016, EXPLOSION SUR L'AUTOROUTE 40: DAOUST SONGE À INTERDIRE LE TRANSPORT DES MATIÈRES DANGEREUSES, LaPresse
http://plus.lapresse.ca/screens/6815f935-cd23-4bc6-b3eb-c4db78a08a3e%7C_0.html

11. May 11, 2015, “SIPAEFI and SIPLA Organize Theme Lecture”, Suzhou Industrial Park News http://www.sipac.gov.cn/english/news/201505/t20150511_354738.htm
12. September 25, 2014, “Double and triple threats: When an extra degree pays off”, Macleans. <http://www.macleans.ca/education/university/double-and-triple-threats-when-an-extra-degree-pays-off/>
13. August 26, 2014, CTV Noon Newscast with Mutsumi Takahashi on the TSB report concerning the Lac Megantic train accident. <http://montreal.ctvnews.ca/video?playlistId=1.1977130>
14. November 20, 2013, CHQR News Talk 770 Radio in Calgary, Calgary Today show on the protective order by the Transport Minister requesting rail companies to inform municipalities about their dangerous goods shipments. <http://www.newstalk770.com/audio-on-demand-2/>
15. August 12, 2013, CHQR News Talk 770 Radio in Calgary, John Bolton show on the crude oil shipments from U.S. to Canada. <http://www.newstalk770.com/audio-on-demand-2/>
16. August 10, 2013, Le Devoir “Transport des marchandises dangereuses - Le silence radioactif d’Ottawa” <http://www.ledevoir.com/politique/canada/384819/le-silence-radioactif-d-ottawa>
17. July 30, 2013, CTV Noon Newscast with Mutsumi Takahashi on the Lac Megantic train accident involving hazardous materials <http://montreal.ctvnews.ca/video?clipId=975311&playlistId=1.1390560&binId=1.1332485&playlistPageNum=1>
18. July 30, 2013, JGH News “A new strategy leads to the improvement of cataract surgery” <http://jgh.ca/en/news?id=399&year=2013>
19. Sept 25, 2012, Financial Post “Fixing the other health care issue” <http://business.financialpost.com/2012/09/25/fixing-the-other-health-care-issue/>
20. Oct 28, 2010, The Gazette “Your money, your health” <http://www.montrealgazette.com/health/Your+money+your+health/3614794/story.html>
21. April 24, 2010, Le Devoir, “Faculté de gestion Desautels - Les gestionnaires en santé reçoivent une formation sur mesure: Le programme CREATE rejoint six universités” <http://www.ledevoir.com/societe/sante/287546/faculte-de-gestion-desautels-les-gestionnaires-en-sante-recoivent-une-formation-sur-mesure>

RESEARCH GRANTS, HONORS & AWARDS

A. Current Grants:

NSERC Discovery Grant – PI; V. Verter, Predictive and Prescriptive Analytics for Delivery of Mental Health Care, April 2023 – March 2028, \$210,000.

Ontario Ministry of Health First Movers' Fund – (Amber Simpson – PI, V. Verter and 3 others co-applicants), Investigating the impact of COVID-19 on pre-existing mental health patients using explainable machine learning approaches. March 2023 – Feb. 2024, \$204,058 (as part of a \$800,000 project portfolio).

MSU Foundation Strategic Partnership Grant – (George Berghorn – PI, V. Verter and 4 others co-applicants), Strengthening Mass Timber Scholarship at Michigan State University. June 2022 – May 2024, US\$ 290,000.

B. Grants Formerly Held:

Cochran Fellowship, USDA – Team (B. Ross, V. Verter Co-PIs) Introduction to U.S. Supply Chain for China, Feb 2021 – Jan 2022, US\$ 85,000. (returned to USDA due to COVID-19 pandemic).

U.S. Economic Development Administration University Center Economic Development Program-Team; Michigan State University EDA University Center for Regional Economic Innovation. Role: co-applicant (Rex LaMore-PI), July 2021, US\$ 792,000.

IVADO Fundamental Research Project Grant – Team (M.E. Rancourt, PI, V. Verter and 2 others, co-applicants) Analytics and optimization in a digital humanitarian context, April 2018 — March 2020, \$200,000.

NSERC Discovery Grant – PI; V. Verter, Operations Research for Hospital Efficiency and Effectiveness, April 2015 – March 2020, \$235,000.

SSHRC Insight Grant – M. Verma (PI), Coapplicants: V. Verter, R. Huising, Transportation of Crude Oil: Rail versus Pipeline? April 2015 – March 2020, \$125,300.

SSHRC Insight Grant – V. Verter(PI); T. Boyaci, (co-applicant), Challenges in Sustainable Operations: Product Design, Regulation, Environmental Impact, April 2014 – March 2019, \$237,000.

FQRNT/FQRSC Research Center, Gendron, B. and 75 co-applicants, Centre interuniversitaire de recherche sur les réseaux d'entreprise, la logistique et le transport (CIRRELT), Amount: \$ 483,000 / year for April 2015 until March 2020. Verter led McGill's partnership to the CIRRELT application at \$25,000 annual support. (allocated to the PI).

FRSQ Team Grant – PI: B. Kucukyazici, Co-applicants, V. Verter, F. Bellavance, K. Kilpatrick, C. Rochefort, “Looking beyond the walls of the emergency department for delay factors: Modeling associations with the hospital and post-acute care and exploration of promising interventions” April 2015 – March 2018, \$270,000.

SSHRC-CIHR Healthy and Productive Work Grant- Team (L. Gottlieb, PI, V. Verter and 5 others, co-applicants), Transforming Nurses' Work-Life Environments through Training Clinical Leaders and Managers in Strengths-Based Nursing Using Innovative Forms of Story-Sharing, April 2016 – March 2018. \$148,847.

Canadian Foundation for Innovation Leaders Opportunity Fund, Real Time Location Systems: An Opportunity for Improving Operational Decisions in Acute Care, \$366,500, November 2012 - 2015.

NSERC CREATE Training Grant, V. Verter (PI), S. Blostein, M. Carter, M. Gendreau, B. Gendron, W. Michalowski, A. Pinsonneault, M. Puterman (co-applicants). *Operations and Information*

Management in Healthcare, May 2009 – April 2015, \$1,650,000 and \$300,000 matching grant from McGill University.

NSERC Discovery Grant - Individual, *Design and Improvement of Healthcare Processes*, April 2010 - March 2015, \$165,000.

FRSQ PDSI Grant – F. Beland, (PI), 10 co-applicants and V. Verter (partner). Optimisation de la valeur des soins aux patients par une organisation agile du système Hospitalier, Axis #3 – Optimization of Care Pathways, Feb. 2012 – Jan. 2016, \$1,064,378. (allocated to the PI).

FRSQ Team Grant - A. Guttman, (PI), V. Verter and E. Segal (co-applicants), Hospital admission process for ED patients: Identification of steps and problematic delays associated with this process and exploration of resolving strategies, April 2010 – March 2013, \$249,300.

FQRNT/FQRSC Research Center, Gendron, B. and 75 co-applicants, Centre interuniversitaire de recherche sur les réseaux d'entreprise, la logistique et le transport (CIRRELT), Amount: \$ 475,000 / year for April 2013 until March 2015. Verter led McGill's partnership to the CIRRELT application at \$25,000 annual support. (allocated to the PI).

SSHRC Research Grant – Team, V. Verter (PI), A. El-Geneidy and M. Verma (co-applicants), Transportation of Dangerous Goods in Urban Areas, April 2009 – March 2012, \$104,044 includes \$15,000 release time stipend for V. Verter.

SSHRC Research Grant – Team (T. Boyaci, principle investigator; V. Verter, co-applicant), Designing Regulatory Policies for Enhancing Material and Product Recovery, April 2008 – March 2011, \$63,000.

NSERC Equipment Grant (B. Gendron, PI V. Verter and 14 co-applicants), High Performance Servers for Collaborative Research, 103,454\$; 2010-2011.

Equipment Grant by Simio Simulation Software, \$29,700.

MITACS Project Grant, M. Puterman (project leader), V. Verter, D. Atkins, J. Blake, M. Carter, M. Queyranne, S. Shechter, D. Aleman, A. Ingolfsson, B. Kolfal, W. Michalowski, J. Patrick, J. Santibanez and G. Zaric (team members), Health Care Operations Research April 2009, \$257,000 (MITACS converted the grant into industry internships).

NSERC Discovery Grant - Individual, Facility Location Models for Designing Service Networks, April 2005 - March 2010, \$29,000 per year.

FRSQ Team Grant (A. Guttman, PI, V. Verter, Co-PI, E. Segal, T. Boyaci and S. Ray co-applicants), Simulation-based decision support methodology: A tool for enhancing Emergency Department Management, May 2007 – April 2010, \$90,000 per year.

PROMPT Grant, B. Segal (PI), M. Beique, A. Huang, L. Poisson R. Tamblyn, V. Verter (co-applicants), Wireless Healthcare: Implementation & Applications: Use of Wireless and Location Information in a Québec Emergency Room, Oct. 2008 – Sept. 2009, \$104,925 (allocated to the PI).

CIHR Seed Grant, Team (M. Carter Nominated PI, V. Verter, M. Afilalo, B. Schwartz, R. Shioda and W. Lou co-PIs) What is Blocking Patient Flow? A Background Study on the Continuum of Care, April 2008 – March 2010, \$20,000 (allocated to the PI).

FQRNT Research Grant – Team (P. Marcotte, principle investigator; G. Savard and V. Verter, co-applicants), Optimization via Pricing, April 2005 – March 2008, \$54,000 per year + \$33,500 for equipment.

SSHRC Research Grant – Team (T. Boyaci, principle investigator; V. Verter, co-applicant), Firm-Level Analysis of Alternative Government Policies for Resource Recovery, April 2005 – March 2008, \$30,000 per year.

CIHR New Emerging Team (NET) Grant – Team (R. Tamblyn, nominated principle investigator, L. Dube, P. Ernst, N. Mayo, A. Pinsonneault, and V. Verter, PIs), E-Integration in the Management of Respiratory and Circulatory Disease: Elucidating the Multi-Level Mechanisms that Optimize population Outcomes, April 2003 – March 2008, \$300,000 per year (allocated to the PI).

Canadian Stroke Foundation Grant – Team (N. Mayo, Lead investigator and nineteen co-investigators, including V. Verter), Getting on with the Rest of Your Life after Stroke: A Cross-Canada Program Aimed at Enhanced Life Participation, Prevention of Deterioration and Optimization of Health Care Utilization -Feasibility Phase, April 2005- March 2006, \$256,000 (allocated to the PI).

CIHR Training Grant – Team (C. Loiselle, nominated principle investigator, and sixteen participating investigators, including V. Verter), Comprehensive Research Training Program in Psychosocial Oncology (PORT), April 2003 – March 2009, \$300,000 /year (allocated to the PI).

SSHRC Research Grant – Team (V. Verter, principle investigator; T. Boyaci, co-applicant), Resource Recovery for Environmental Sustainability and Competitiveness, April 2002 – March 2005, \$32,500 per year.

NSERC Research Grant – Individual Integrated Models for Designing Manufacturing and Service Facilities, April 2000 - March 2005, \$24,450 per year.

SSHRC INE Development Grant – Team (L. Taylor, principle investigator, L. Dube, A. Pinsonneault, R. Tamblyn and V. Verter, co-applicants), Towards the Infusion of Technology-Supported Integration into Consumer, Professional, and Managerial Practices: A Quantitative Multi-Level Analysis, April 2002, \$50,000 (allocated to the PI).

SSHRC Internal Grant, Management of Reverse Logistics Systems, May 2001, \$2,400.

FCAR Young Researcher Grant, Hazardous Materials Logistics, June 1998 – May 2001, \$14,600 per year, Equipment grant, \$19,750.

SSHRC Special Competition for New Scholars, Development of Supplier Networks, March 2000, \$3,000.

NSERC Research Grant - Individual, Designing Manufacturing Facilities in Global Firms, April 1996 - March 2000, \$19,000 per year. Increased 10% in 1998 and 5% in 1999 by NSERC.

Faculty of Management Small Research Grant, March 1996, February 1998, December 1998, April 2000, and April 2001, \$3,500 per Grant.

C. Grant Applications Pending

FRSQ – Jansen, A study of efforts to mitigate overcrowding of mental health care delivery. Role: Collaborator with Dr. D. Frank (PI) and 4 others. \$450,000 for three years.

NFRF– International, Team (M. Green, nominated principle investigator, and 10 investigators, including V. Verter), Developing Indigenous Community Resilience towards Wildfires. Role: Co-applicant. \$1,500,000 for three years. (In addition, \$7,700,000 requested in Norway and US.)

Ontario Health and Boehringer Ingelheim Digital Health Care Transformation Challenge for Rural and/or Indigenous Communities, Team (S. McGrath (PI), V. Verter and 4 others from Quinte health), \$100,000 for one year.

D. Honors and Awards:

- Nomination for an NSERC Canada Research Chair Tier 1 (by Smith School of Business), May 2023.
- Plenary Speaker, EURO Working Group on Operations Research Applications in Health Services (ORAHs), July 2021.
- Nomination for McGill's David Thomson Award for Graduate Student Supervision & Teaching (by Desautels Faculty of Management), January 2018.
- Nomination for the CIHR Barer-Flood Prize for Health Services and Policy Research (by McGill University), May 2017.
- Barbaros Tansel Memorial Lecture, European Working Group on Location Analysis (EWGLA), April 2013.
- Plenary Speaker, Canadian Operations Research Society Conference, May 2013.
- Plenary Speaker, Turkish Operations Research and Industrial Engineering Conf., June 2012.
- Best Advisor Award, Desautels Doctoral Students Society, April 2012.
- Plenary Speaker, Canadian Operations Research Society Conference, May 2011.
- Service Prize, Canadian Operations Research Society, May 2007.
- Nomination for McGill's Carrie M. Derick Award for Graduate Student Supervision & Teaching (by Desautels Faculty of Management), February 2007.
- Nomination for McGill's William Dawson Scholarship (by Faculty of Management), October 2003.

SECTION II: TRAINING OF HIGHLY QUALIFIED PERSONNEL (HQP)

TEACHING EXPERIENCE:

- Strategic Service Operations (BCom, MBA)
- Supply Chain Management (Executive MBA)
- Operations Management (MBA, MBA-Japan, BCom)
- Value Creation (MBA)
- Logistics Management (MSc in Manufacturing Management, MBA, B.Com, MSc in Global SCM China)
- Technology in Action (MBA)
- Healthcare Systems (MBA)
- Advanced Topics in Analytics (Ph.D.)
- Healthcare Operations Management (Ph.D.)
- Seminar in Operations Management (Ph.D.)
- Public Sector Operations Management (Ph.D.)

A. Current Post-doctoral Fellows:

1. Post-Doctoral Research supervisor (July 2023 – June 2024) Dr. Tesfamariam M. Abuhay, Queen’s University, “The impact of COVID-19 on mental health patients in Ontario”
2. Post-Doctoral Research supervisor (October 2023 – September 2024) Dr. Somayeh Ghazalbash, Queen’s University, “Continuity of Primary Care in Ontario for older adults”.

B. Current Doctoral Students:

1. Ph.D. supervisor (Sept. 2023 -), Mohammad Reza Mehrpour, Queen’s University
2. Ph.D. supervisor (Jan. 2018 -), Hossein Hejazian, McGill University, “Healthcare Operations Management in Psychiatry”.

C. Former Post-doctoral Fellows:

1. Post-Doctoral Research co-supervisor (Aug 2019 – September 2020) Dr. Yossi Luzon, University of Toronto, ”Approximate Queuing Models for Emergency Medical Services”, co-supervisors: O. Berman, O. Baron. Currently, Assistant Professor at Afeka - Tel Aviv College of Engineering
2. Post-Doctoral Research supervisor (Sept. 2016 – Aug 2018) Dr. Pooya Hoseinpour, McGill University “Real Time Location Systems in Surgical Services Management”. Currently, Assistant Professor at Amirkabir University

3. Post-Doctoral Research supervisor (Mar 2017 – Aug 2018) Dr. Zafer Yilmaz, McGill University “Hazmat Transportation under the Risk of Terrorist Attacks” Currently, Assistant Professor at TED University
4. Post-Doctoral Research co-supervisor (Nov. 2015 –Aug 2018) Dr. Shumail Mazahir, McGill University, “Innovation in Sustainable Operations”, Co-supervisor T. Boyaci, Currently, Assistant Professor at SKEMA Business School.
5. Post-Doctoral Research co-supervisor (Aug 2016 – July 2017) Dr. Jiahong Zhao, McMaster University, “Crude Oil Transportation”, Co-supervisor M. Verma, Currently, Assistant Professor Guangdong University of Technology
6. Post-Doctoral Research supervisor (Sept. 2014 – Sept 2015) Wenyi Chen, McGill University, “Closed-loop Supply Chains in Developing Countries”. Current position: Head of Logistics and Sustainability, Tata Steel Europe.
7. Post-Doctoral Research supervisor (Sept 2014 – August 2015) Dr. Jianmai Shi, McGill University, “Reverse Logistics”. Current position: Assistant Professor at National University of Defense Technology, Changsha, China
8. Post-Doctoral Research co-supervisor (Oct. 2014 – Sept 2015) Dr. Sanket Bhat, McGill University, “Design of Ambulance Diversion Policies”, Co-supervisor, B. Kucukyazici Current position: Research Scientist at GE Global Research, Bangalore.
9. Post-Doctoral Research co-supervisor (Oct. 2014 – April 2015) Dr. Sandra van Wijk, McGill University, “Innovation in Sustainable Operations”, Co-supervisor T. Boyaci, Current position: Visiting Assistant Professor, American University of Sharjah
10. Post-Doctoral Research co-supervisor (Jan - Dec 2013), Dr. Mathijn Helmrich, McGill University, “Sustainable Operations”, Co-supervisor T. Boyaci, Current position: Senior Analyst at AbOvo Business and Software Solutions.
11. Post-Doctoral Research co-supervisor (Sept 2012 – Aug 2013), Dr. Yun Zhou, McGill University, “Semi-Markov Models for Community-based Care”, Co-supervisor Mahmut Parlar. Current position: PhD student, Rotman School of Management (for a 2nd PhD).
12. Post-Doctoral Research co-supervisor (Sept 2012 – May 2013), Dr. Atiq Siddiqui, McGill University, “Marine-Surface Transportation Risk of Crude Oil”, Co-supervisor Manish Verma. Current Position: Assistant Professor at University of Dammam.
13. Post-Doctoral Research co-supervisor (Sept 2011 – Aug 2012), Dr. Rouba Ibrahim, McGill University, “Treatment Dose Management for Stroke”, Co-supervisor M. Gendreau. Current Position: Lecturer at University College London.
14. Post-Doctoral Research co-supervisor (Sept 2009 – July 2011), Dr. Ibrahim Karakayali, McGill University, “Government Regulation of Closed-Loop Supply Chains”. Co-supervisor T. Boyaci. Current Position: Senior Analyst, Manhattan Associates.
15. Post-Doctoral Research co-supervisor (July – December 2010), Dr. Morteza Bagheri, McGill University, “Transportation of Hazardous Materials through Urban Areas”. Co-supervisor M. Verma. Current position: Assistant professor, Iran University of Science & Technology.

16. Post-Doctoral Research supervisor (Nov 2009 – October 2010), Dr. Otavio Neves Da Silva Bittencourt, McGill University, “Healthcare Operations Management”. Current Position: Assistant Prof. at Universidade Federal das Ciências da Saúde de Porto Alegre.
17. Post-Doctoral Research supervisor (Sept 2009 – June 2010), Dr. Bora Cekyay, McGill University, “Transportation of Hazardous Materials through Urban Areas”. Currently Assistant Professor, Dogus University.
18. Post-Doctoral Research co-supervisor (May. 2008 – July 2009), Dr. Karolina Glowacka, Jewish General Hospital Emergency Department, “Simulation-based decision support”. Co-supervisor: Dr. A. Guttman. Currently Assistant Professor at Hang Seng Management College
19. Post-Doctoral Research co-supervisor (Feb. 2006 – Sept 2007), Dr. Anne Mercier, Center for Research on Transportation, “Bi-level Modeling Approaches for Hazmat Transportation”. Co-supervisors: P. Marcotte, G. Savard. Currently, Senior Scientist at ExPretio.
20. Post-Doctoral Research co-supervisor (Sep. 2005 – Aug 2007), Dr. Fuminori Toyasaki, McGill University, “Operational Impact of regulations for Product Recovery”. Co-supervisor: T. Boyaci. Currently, Associate Professor at York University, Canada.
21. Post-Doctoral Research co-supervisor (Sep. 2005 – Aug 2007), Dr. Andreas Robotis, McGill University, “Competition in Closed-Loop Supply Chains”. Co-supervisor: T. Boyaci. Currently, Assistant Professor at ALBA Graduate Scholl of Business, Greece.
22. Post-Doctoral Research co-supervisor (Jan. 2004 – June 2005), Dr. Deniz Ozdemir, McGill University, “Management of Reverse Logistics Systems”. Co-supervisor: T. Boyaci. Currently, Associate Professor at Yasar University, Turkey.
23. Post-Doctoral Research co-supervisor (Oct. 2002 – Sep. 2003), Dr. Rico Wojanowski, McGill University, “Designing Collection Networks”. Co-supervisor: T. Boyaci. Currently, Associate Professor, University of Applied Sciences in Darmstadt.
24. Post-Doctoral Research co-supervisor (Oct. 2000 – Jan. 2003), Dr. Necati Aras, McGill University, “Inventory and Design Decisions in Reverse Logistics”. Co-supervisor: T. Boyaci. Currently, Professor at Bogazici University, Turkey.
25. Post-Doctoral Research supervisor (Feb. 1999 – Dec. 2000), Dr. Bahar Y. Kara, McGill University, “GIS-Based Models for Hazardous Materials Transportation”. Currently, Full Professor at Bilkent University, Turkey.

D. Former Doctoral Students:

1. Ph.D. supervisor (Sep. 2016 – May 2022), Fan E., McGill University, “Managing Schizophrenia Care”. Currently, Business Analyst at CAE Healthcare.
2. Ph.D. supervisor (January 2013 – Oct 2019), Martin Cousineau, McGill University, “Management of Treatment Resistant Depression”. Currently, Assistant Professor at HEC Montreal.
3. Ph.D. co-supervisor (Jan. 2012 – Aug. 2019), Akbar Karimi, Ecole Polytechnique Montreal, “Emergency Medical Services”, Co-supervisor Michel Gendreau, Currently, Post-doc at CIRRELT, Montreal

4. Ph.D. co-supervisor (Sep. 2013 – Oct. 2018), Elnaz Karimi, Ecole Polytechnique Montreal, “Predictive Methods for Surgical Services”, Co-supervisor Jean-Marc Frayret. Currently, Boston Consulting.
5. Ph.D. supervisor (Sept. 2012 – Aug. 2018), Feyza Guliz Sahinyazan, McGill University, “Food Aid Distribution in Resource Constrained Environments”. Currently, Assistant Professor at Simon Fraser University.
6. Ph.D. supervisor (Sep. 2010 – February 2017), Mehdi Ghotboddini, McGill University, “Surgical Unit Management at Montreal Jewish General Hospital”. Currently, Operations Analyst at Victoria Health Authority, British Columbia.
7. Ph.D. supervisor (Sep. 2010 – December 2016), Manaf Zargoush, McGill University, “A Comparative Analysis of Alternative Methods for Monitoring Hypertension at Montreal General Hospital”. Currently, Associate professor at McMaster University.
8. Ph.D. supervisor (Sep. 2010 – November 2016), Michael Klein, McGill University, “Analytical Models for Specialist Care in Rural Areas”. Currently, Assistant Professor at San Jose State University.
9. Ph.D. supervisor (Sep. 2007 – Dec 2015), Paul Intrevado, McGill University, “An Analytical Framework for Planning Long Term Care”. Currently, Senior Manager - Data Science & Artificial Intelligence CoE @ Capgemini
10. Ph.D. co-supervisor (Sep. 2011 – Aug 2015), Anna Graber Naidich, U. Toronto, “Primary Care Network Design”, Co-supervisor M. Carter. Currently, Research Associate Stanford Medical School.
11. Ph.D. supervisor (Sep. 2008 - September 2014), Saied Samiedaluie, McGill University, “Patient admission policies for stroke wards”. Currently, Assistant Professor at University of Alberta.
12. Ph.D. supervisor (Jan. 2004 – November 2009), Beste Kucukyazici, McGill University, “Development of an Integrated System for Stroke Care Delivery”. Currently, Assistant Professor at Michigan State University.
13. Ph.D. supervisor (Sep. 2003 – October 2008), Yue Zhang, McGill University, “Analytical models for service facility network design under user-choice environments”. Associate Professor at University of Toledo, USA.
14. Ph.D. supervisor (Sep. 2000 – July 2006), Alper Murat, McGill University, “An Allocation-based Modeling and Solution Framework for Location Problems with Dense Demand”. Currently, Associate Professor at Wayne State University, USA.
15. Ph.D. supervisor (Sep. 1999 – June 2005), Manish Verma, McGill University, “Analytical Approaches to Railroad and Rail-Truck Intermodal Transportation of Hazmats”. Currently, Professor at McMaster University, Canada.
16. Ph.D. supervisor (Jan. 1997 – July 2001), Abdullah Dasci, McGill University, “Discrete and continuous models for production-distribution system design”. Currently, Associate Professor at Sabanci University, Turkey.