

Curriculum Vitae
VEDAT VERTER

DEPARTMENT OF SUPPLY CHAIN MANAGEMENT
BROAD COLLEGE OF BUSINESS, MICHIGAN STATE UNIVERSITY

632 Bogue Street, Room N370
East Lansing MI 48824
U.S.A.

Phone: +1 517 432 0800

e-mail: verter@msu.edu

Homepage: <https://broad.msu.edu/profile/verter/>

Research page : <https://scholars.msu.edu/scholar/stack/321400/VEDAT-VERTER?unitId=722&unitType=2>

ACADEMIC APPOINTMENTS:

- July '19 - present **John H. McConnell Endowed Chair** of Business Administration
Chairperson, Department of Supply Chain Management
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**, Dep. of Industrial and Operations
Engineering, Univ. of Michigan.
- Sep '08 - Aug '09 **Visiting Professor**, Dep. of Industrial Engineering, Boğaziçi Univ.
- 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.
- July '93 - June '95 **Post-Doctoral Fellow**, Management Science, University of Alberta.

SECTION I: RESEARCH

RESEARCH EXPERTISE:

- Supply Chain Design (facility location, capacity acquisition and technology selection)
- Closed-Loop Supply Chains (collection, product recovery and remanufacturing)
- Hazardous Materials Transportation (risk assessment, routing and regulation)
- Health Care Process Improvement (preventive, emergency and chronic care)

The over-arching theme of the four research programs above is public sector operations research. As of February 20, 2021, Google Scholar identified 5,700 citations with a corresponding h-index of 38. According to a recent study of publications during 2011-2015¹, I am among the top 200 researchers with the most papers in the four elie journals, MS, OR, M&SOM, POM.

Total research grants secured as principal investigator amounts to US\$3.3 million and as co-applicant amounts to US\$3.9 million.

LIST OF PUBLICATIONS:

A. Articles in Refereed Journals:

1. Zhou, Y., M. Parlar, V. Verter and S. Fraser, "Surgical Scheduling with Constrained Patient Waiting Times" forthcoming in *Production and Operations Management*, accepted in March 2021.
2. Sahinyazan, F.G., M. Rancourt, V. Verter (2020), "On Improving Transportation Procurement in the Humanitarian Sector: A Data-driven Approach for Abnormally Low Bid Detection", *Production and Operations Management*, accepted October 2020. <https://doi.org/10.1111/poms.13293>
3. Sahinyazan, F.G., M. Rancourt, V. Verter (2020), "Food Aid Modality Selection Problem", *Production and Operations Management*, accepted September 2020. <https://doi.org/10.1111/poms.13287>
4. Zhao, J. M. Verma and V. Verter (2020) " Pipeline transportation of crude oil in Canada: Environmental risk assessment using modified diffusion models", *Human and Ecological Risk Assessment*. <https://doi.org/10.1080/10807039.2020.1816808>
5. Klein, M., V. Verter, H.G. Fraser, B.G. Moses (2021) "Specialist Care in Rural Hospitals: From Emergency Department Consultation to Inpatient Ward Discharge", *IISE Transactions*, Vol 53, no 4, pp. 375-388. Featured in *Industrial and Systems Engineer* magazine (March 2021).
6. Frank, D., E. Fan, A., Georghiou, V. Verter (2020), "Community treatment order outcomes in Quebec - a unique jurisdiction", *Canadian Jour. of Psychiatry*, Vol 65, no 7, pp. 484-491.

¹ <https://doi.org/10.1111/deci.12452>

7. 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.
8. 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.
9. 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
10. 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.
11. 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.
12. 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.
13. 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.
14. 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.
15. Siddiqui, A., M. Verma and V. Verter (2018), "An integrated framework for inventory management and transportation of refined petroleum products: Pipeline or Marine?", submitted to *Applied Mathematical Modelling*, vol 55, 224-247.
16. 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
17. 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.
18. Cilaci-Tombus A., N. Aras and V. Verter (2017), "Designing Distribution Systems with Reverse Flows", *Journal of Remanufacturing*, vol 2-3, pp 113-137.
19. 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,

20. 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.
21. 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.
22. Cheng, J., M. Verma and V. Verter (2017), "Impact of train makeup on hazmat risk in a transport corridor", *Journal of Transportation Safety & Security*, Vol 9, pp. 167-194.
23. 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.
24. 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.
25. 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
26. 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
27. Aboolian, R., O. Berman and V. Verter (2016), "Maximal Accessibility Network Design in the Public Sector", *Transportation Science*, Vol 50(1), 336–347.
28. 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.
29. 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
30. 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.
31. Gunes, E.D., H. Yaman, B. Cekyay and V. Verter (2014), "Matching Patient and Physician Preferences in Designing a Primary Care Facility network", *Journal of the Operational Research Society*, Vol 65 No 4, pp. 483-496;
32. Bagheri, M., M. Verma and V. Verter (2014), "Transport Mode Selection for Toxic Gasses: Rail or Road?", *Risk Analysis*, Vol. 34, No 1, pp. 168–186.

33. Galbreth M., T. Boyaci and V. Verter (2013), "Product Reuse in Innovative Industries", *Production and Operations Management*, Vol. 22 No. 4, pp. 1011–1033.
34. Robotis, A., T. Boyaci and V. Verter (2012), "Investing in Reusability of Products of Uncertain Quality: The Role of Inspection Capabilities", *International Journal of Production Economics*, Vol. 140, pp. 385–395.
35. 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.
36. 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.
37. Alumur, S., S. Nickel, F. Saldanha-da-Gama and V. Verter (2012), "Multi-Period Reverse Logistics Network Design", *European Journal of Operational Research*, Vol. 220, No. 1, pp. 67-78.
38. 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.
39. 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.
40. 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.
41. 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.
42. 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.
43. 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.
44. 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.
45. 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.

46. 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.
47. 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.
48. 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.
49. 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.
50. 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.
51. 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.
52. 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.
53. 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.
54. 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.
55. 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.
56. 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.
57. Dasci A. and V. Verter (2005), "Evaluation of Plant Focus Strategies: A Continuous Approximation Framework", *Annals of Operations Research*, Vol. 136, pp. 303-327.
58. Kara, B. and V. Verter (2004), "Designing a Road Network for Hazardous Materials Transportation", *Transportation Science*, Vol. 38, No. 2, pp. 188-196.
59. Aras, N., T. Boyaci, and V. Verter (2004), "The Effect of Categorizing Returned Products in Re-manufacturing", *IIE Transactions*, Vol. 36, No. 4, pp. 319-331.
60. Kara, B., E. Erkut and V. Verter (2003), "Accurate Calculation of Hazardous Materials Transportation Risks", *OR Letters*, Vol. 31, pp. 285–292.

61. Verter V. and S. Lapierre (2002), "Location of Preventive Health Care Facilities", *Annals of Operations Research*, Vol. 110, pp. 123-132.
62. Verter, V. (2002), "An Integrated Model for Facility Location and Technology Acquisition", *Computers & Operations Research*, Vol. 29, No. 6, pp. 583-592.
63. Verter, V. and A. Dasci (2002), "The Plant Location and Flexible Technology Acquisition Problem", *European Journal of Operational Research*, Vol. 136, No. 2, pp. 366-382.
64. 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.
65. Dasci, A. and V. Verter (2001), "The Plant Location and Technology Acquisition Problem", *IIE Transactions*, Vol. 33, pp. 963-973.
66. 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.
67. 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.
68. Erkut, E. and V. Verter (1998), "Modeling of Transport Risk for Hazardous Materials", *Operations Research*, Vol. 46, No. 5, pp. 625-642.
69. Verter, V. and E. Erkut (1997), "Incorporating Insurance Costs in Hazardous Materials Routing Models", *Transportation Science*, Vol. 31, No. 3, pp. 227-236.
70. Primrose, P.L. and V. Verter (1996), "Do Companies Need to Measure their Production Flexibility", *International Journal of Operations and Production Management*, Vol. 16, No. 6, pp. 4-11.
71. Verter, V. and C. Dincer (1995), "Facility Location and Capacity Acquisition: An Integrated Approach", *Naval Research Logistics*, Vol. 42, pp. 1141-1160.
72. Erkut, E. and V. Verter (1995), "A Framework for Hazardous Materials Transport Risk Assessment", *Risk Analysis*, Vol. 15, No. 5, pp. 589-601.
73. 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.
74. 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.
75. 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.

76. 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.
77. Verter, V. and M.A. Eyster (1990), "Productivity Measurement, Evaluation and Improvement", *Productivity*, Vol. 31, No. 1, pp. 69-75.

B. Contributed Book Chapters (Invited & Refereed):

1. Yilmaz, Z. and V. Verter (2021), "A Multi Criteria Decision Making Approach for Hazmat Transportation" invited chapter for Y. İ. Topcu, Ş. Ekici, Ö. Kabak, E. Aktaş, Ö. Özyaydın (editors), *New Perspectives in Operations Research and Management Science - Essays in Honor of Fusun Ulengin*. Springer International Series in Operations Research & Management Science.
2. Verter V. (2017), "POM for Healthcare: Focusing on the upstream: Management of Preventive and Emergency Care", Chapter 23 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.
15. Verter, V., A. Dasci and A. Bulgak (2001), "The Production-Distribution System Design Problem", in Floudas, C. and P. Pardalos (editors), *Encyclopedia of Optimization*, Vol. IV, pp. 383-392, Kluwer Academic Publishers.
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. 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.
2. Verter, V. and F. Ulengin (editors), Special issue of Transportation Research Part C on Odysseus 2009, Vol. 19, No. 5, August 2011.
3. Crainic, T., G. Laporte and V. Verter (editors), Special issue of *Transportation Science* on Freight Transportation and Logistics Vol. 43, No. 2, May 2009.

4. Verter, V. and T. Boyaci (editors), Special issue of *Computers and Operations Research on Reverse Logistics*, Vol. 34, No. 2, February 2007.
5. Verter, V. and A. Pinsonneault (editors), Special issue of *INFOR on Integrative Healthcare Management*, Vol. 43, No. 4, November 2005.
6. 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. Cousineau, M., V. Verter, F. Jollant and G. Turecki “ The impact of psychiatric outpatient follow-up visit frequency on clinical outcomes and waiting times” submitted to *British Journal of Psychiatry*, April 2021.
2. Shi, J., W. Chen and V. Verter, “The Joint Impact of Environmental Awareness and System Infrastructure on E-Waste Collection”, submitted to *Decision Sciences Journal*, March 2021.
3. Hu, P., V. Verter, J. Zhao “Coordination in Emergency Response System Design: An Application to Hazardous Materials Transportation”, submitted to *Decision Sciences Journal*, March 2021.
4. Melnyk, S.A., T. Schoenherr, V. Verter, C. Evans and C. Shanley, “COVID-19 and SME Supply Chains: Learning from Experiences of SME Suppliers in the Defense Industry”, submitted to *Journal of Purchasing and Supply Management*, January 2021.
5. Cousineau, M., V. Verter, S.A. Murphy, J. Pineau, “Estimating Causal Effects with Optimization-Based Methods: A Review and Empirical Comparison”, submitted to *European Journal of Operational Research*, January 2021.
6. Yilmaz, Z. and V. Verter “Simultaneous consideration of the accident and terror risks for hazardous materials transportation”, submitted to *OMEGA*, November 2020.
7. Kucukyazici, B., V. Verter and A. Nair “Managing Regional Hospital Resources Amid COVID-19 for Improving Health Outcomes” extended abstract submitted to *Production and Operations Management* special issue, full paper submission invited, November 2020.

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 posting, 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. Narayanan, V. Verter, J. Whipple, B. Ross, t. Malone and A. Schaefer (2020) "Supply Chain Resiliency: Post Pandemic Outlook for the Agri-Food Industry".
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), "Memoir: 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: 10.1061/411177(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. Hoseinpour, P. and V. Verter "Nurse Assignment using Real-Time Location Data", to be submitted to *Operations Research*.
2. Zargoush, M., M. Gumus, V. Verter, S. Dakalopoulou, "On the Significance of Blood Pressure Measurement Noise and Physician Judgment Bias in Hypertension Management" to be submitted to *Management Science*.
3. Fan E., A Georghiu, V. Verter and D. Frank, "A Data-Driven Mind: Recommending Time for Community Treatment Order" .
4. Mazahir, S., T. Boyaci and V. Verter "Product Reuse under Disruptive Innovations", April 2019.
5. Ghodboddini, M., V. Verter, "A Procedure-Oriented Approach for Integrated Management of Surgical Services", August 2018.
6. Boyaci, T., V. Verter, M. Galbreth, "Design for Reusability and Product reuse under radical innovation", March 2016. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2752343
7. Sahinyazan, F.G., M. Ramcourt, V. Verter, "Unraveling Transportation Market Seasonality affecting Food Aid Delivery: The Case of World Food Programme (WFP) Kenya"

8. 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"
9. Sahinyazan F.G. and V. Verter, "Patient Flow Optimization through ICU in Montreal Children's Hospital", June 2014.
10. Karakayali, I., T. Boyaci, V. Verter and L. Van Wassenhove, "On the Incorporation of Remanufacturing in Recovery Targets", June 2014.
11. Boyaci, T., V. Verter, F. Toyasaki and R. Wojanowski, "Collection System Design, Strategy Choice and Financial Incentives for Product Recovery", February 2011.

G. Media Coverage:

1. February 19, 2020, "MSU research informs rural health care network design" Broad News <https://broad.msu.edu/news/msu-research-informs-rural-health-care-network-design/>
2. February 5, 2020, "Supply chain department hosts inaugural practitioner conference " Broad News <https://broad.msu.edu/news/supply-chain-department-hosts-inaugural-practitioner-conference/>
3. December 18, 2016, "Business schools heed the call for more data-literate graduates", Globe and Mail <http://www.theglobeandmail.com/report-on-business/careers/business-education/business-schools-heed-the-call-for-more-data-literate-graduates/article33352106/>
4. August 12, 2016, CBC Radio Montreal for Radio Noon with Steve Rukavina
5. 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>
6. 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
7. May 11, 2015, "SIPAEFI and SIPLA Organize Theme Lecture", Suzhou Industrial Park News http://www.sipac.gov.cn/english/news/201505/t20150511_354738.htm
8. 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/](#)

9. 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>
10. 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/>
11. 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/>
12. 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>
13. 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>
14. July 30, 2013, JGH News "A new strategy leads to the improvement of cataract surgery"
<http://jgh.ca/en/news?id=399&year=2013>
15. Sept 25, 2012, Financial Post "Fixing the other health care issue"
<http://business.financialpost.com/2012/09/25/fixing-the-other-health-care-issue/>
16. Oct 28, 2010, The Gazette "Your money, your health"
<http://www.montrealgazette.com/health/Your+money+your+health/3614794/story.html>
17. 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 (in US\$):

Cochran Fellowship, USDA – Team (B. Ross, V. Verter Co-PIs) Introduction to U.S. Supply Chain for China, February 2021, \$ 85,000.

B. Grants Formerly Held (in Cn\$):

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.

SECTION II: TRAINING OF HIGHLY QUALIFIED PERSONNEL (HQP)

TEACHING EXPERIENCE:

- Operations Management (MBA, MBA-Japan, BCom)
- Value Creation (MBA)
- Logistics Management (MMM, MBA, MSc., B.Com, GSCM China)
- Technology in Action (MBA)
- Healthcare Systems (MBA)
- Healthcare Operations Management (Ph.D.)
- Seminar in Operations Management (Ph.D.)
- Public Sector Operations Management (Ph.D.)
- Distribution System Design and Transportation (Ph.D., reading courses)

A. Current Post-doctoral Fellows:

B. Current Doctoral Students:

1. PhD Co-supervisor (Sept. 2020 -), Quan Zhou, McGill University. Co-supervisor Mehmet Gumus
2. Ph.D. supervisor (Jan. 2018 -), Hossein Hejazian, McGill University, "Healthcare Operations Management in Psychiatry".
3. Ph.D. supervisor (Sep. 2016 -), Fan E., McGill University, "Managing Schizophrenia Care".

C. Former Post-doctoral Fellows:

1. Post-Doctoral Research co-supervisor (Aug 2019 – September 2020) Dr. Yossi Luzon, University of Toronto, 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 Amirkebir 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 Lahore University.
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: Assistant Professor ESC Rennes Business School.
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 (January 2013 – Oct 2019), Martin Cousineau, McGill University, “Management of Treatment Resistant Depression”. Currently, Assistant Professor at HEC Montreal.
2. 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
3. Ph.D. co-supervisor (Sep. 2013 – Oct. 2018), Elnaz Karimi, Ecole Polytechnique Montreal, “Predictive Methods for Surgical Services”, Co-supervisor Jean-Marc Frayret. Currently, PhD student at Boston University
4. 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.
5. 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.
6. 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, Assistant professor at McMaster University.
7. 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.
8. Ph.D. supervisor (Sep. 2007 – Dec 2015), Paul Intrevado, McGill University, “An Analytical Framework for Planning Long Term Care”. Currently, Assistant professor at University of San Francisco.
9. 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.

10. Ph.D. supervisor (Sep. 2008 - September 2014), Saied Samiedaluie, McGill University, "Patient admission policies for stroke wards". Currently, Assistant Professor at University of Alberta.
11. Ph.D. supervisor (Jan. 2004 - November 2009), Beste Kucukyazici, McGill University, "Development of an Integrated System for Stroke Care Delivery". Currently, Assistant Professor at McGill University.
12. 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.
13. 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.
14. Ph.D. supervisor (Sep. 1999 - June 2005), Manish Verma, McGill University, "Analytical Approaches to Railroad and Rail-Truck Intermodal Transportation of Hazmats". Currently, Associate Professor at McMaster University, Canada.
15. 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.

SECTION III: SERVICE CONTRIBUTIONS

FORMER RESPONSIBILITIES:

Editor-in-Chief, *Socio-Economic Planning Sciences*, Elsevier, since September 2011-2020
<http://www.journals.elsevier.com/socio-economic-planning-sciences>

(Elected) Board Member, Production Operations Management Society (POMS), Jan 2016 - Dec 2017.
http://www.poms.org/2006/01/2016_officers_and_board_member.html#more

Founding Director, NSERC CREATE Ph.D. and Post-doctoral Training Program on Healthcare Operations and Information Management, (2009-2016).
<http://www.mcgill.ca/create-hoim/home-page>

Founding Director, Healthcare Laboratory, (2012-2019), funded by Canadian Foundation for Innovation Leaders Opportunity Fund (CFI)

Founding Associate Director (Health), Marcel Desautels Institute for Integrated Management, McGill University, (March 2012 – March 2016)
<https://www.mcgill.ca/desautels/integrated-management/mdiim-initiatives/health-initiative>

Director, McGill MD-MBA Program, (October 2005 – June 2016)
<https://www.mcgill.ca/desautels/programs/mba-programs/mdmba>

Area Coordinator, Operations Management (Sept. 2006 – Aug. 2008)

Associate Dean (Research) – Faculty of Management (Jan – Dec 2004)

Founding Co-Director, Master of Manufacturing Management Program (MMM), August 1997 – June 2001. <https://www.mcgill.ca/desautels/programs/mmm>

CURRENT PROFESSIONAL AFFILIATIONS:

Member, INFORMS, POMS

FORMER PROFESSIONAL AFFILIATIONS:

President, Public Sector OR Society, The Institute of Operations Research and Management Science (INFORMS), 2018, also VP Meetings 2015-2016.

Adjunct Professor, Yeates School of Graduate Studies, Ryerson University, since September 2012.

Adjunct Professor, Mechanical and Industrial Eng., University of Toronto, since July 2012.

Adjunct Professor, M.Sc. in Health Systems Program, Telfer School of Management, University of Ottawa, since January 2006.

Member, Management Science Res. Center (MSRC), McGill University, 1997 - 2019.

Member, Interuniversity Research Center on Enterprise Networks, Logistics and Transportation (CIRRELT), U. Montreal and U. Laval, (CRT, before 2001), 1995 – 2019.

President, Health Applications Society, The Institute of Operations Research and Management Science (INFORMS), January – December 2013.

Founding President, College of Healthcare Management, Production and Operations Management Society (POMS), May 2008 – May 2009.

Vice President, College of Sustainable Operations, Production and Operations Management Society (POMS), May 2008 - May 2010.

Associate Member, McGill School of Environment, September 2005-2014.

Member, Emergency Multidisciplinary Res. Unit, Jewish General Hospital, 2004 - 2012.

Director, McGill Health Management Consortium, October 2005 – August 2008.

Secretary, Canadian Operations Research Society (CORS), 2003- 2007.

CURRENT EDITORIAL ASSIGNMENTS:

Senior Editor, *Production and Operations Management*, Sustainable Operations

Senior Editor, *Production and Operations Management*, Healthcare Operations

Associate Editor, *Sustainability Analytics and Modeling*,

INVITED LECTURES AND RESEARCH SEMINARS (SINCE 2015):

Keynote Speaker, “Improving access to care: Take-aways from two case studies”, hSNS International Workshop (WhSNS 2021), February 2021.

Keynote Speaker, “Coordination in Emergency Response System Design: An Application to Hazardous Materials Transportation in Chengdu City, China”, IFORS Global Webinar Series, February 2021.

Panelist, MSU Institute for Public Policy and Social Research – Legislative Staff Training, Michigan Legislature, October 2020.

Keynote Speaker, “Sustainable Supply Chains: The Regulator’s Perspective” Intel 2020 Virtual Supply Chain Summit, June 2020.

Panelist, MI Circular Economy Forum, MSU Center for Community and Economic Development, Online, May 2020.

“Supply Chain Disruption and COVID-19: Pharmaceutical and Healthcare Sectors”, MSU SCM Webinar, April 2020.

Panelist, MSU Institute for Public Policy and Social Research Forum, Michigan Legislature, March 2020.

“Delivering Smart Solutions”, 2nd Annual Precision Health Symposium, Michigan State University, Dec 2019.

“Hypertension Management: A Value of Information Perspective”, University of Nebraska, Lincoln, Oct 2019; University of Toronto, March 2020; 16-University Friday Seminars Consortium, November 2020.

“The Impact of the Implementation of Bill 10: Perceptions of the Changes”, two-hour workshop at CIUSSS West Island (February 2017), CIUSSS West Central (May 2017).

“Price Flexible Transportation Procurement Contracts for Food Aid Delivery in Developing Countries “, Georgia Tech ISyE, March 2017, McMaster University April 2017.

“Healthcare Operations Management in the era of Business Analytics”, Schulich School of Business, York University April 2016.

“Seminar in Health Care Operations Research”, Discussant at IOE Department, University of Michigan, March 2016.

“The Interplay of Evidence and Experience in Medicine and Management”, Panelist at the International Masters in Health Leadership Program, McGill University, August 2015.

“Hazardous Material Logistics: Risk Assessment and Mitigation”, Suzhou Industrial Park, China, May 2015.

EDUCATION & TRAINING

Ph.D. Department of Industrial Engineering, 1993
Bilkent University, Ankara, Turkey.

M.S. Department of Industrial Engineering, 1985
Bogazici University, Istanbul, Turkey.

B.S. Department of Industrial Engineering, 1983
Bogazici University, Istanbul, Turkey.

INDUSTRY WORK EXPERIENCE

Industrial Engineer, Koc Corporation Research & Development Center, Istanbul, February 1982 – December 1986.