
Dia Bandaly

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EDUCATION

2006 – 2012 **PhD in Business Administration, Supply Chain Management**
John Molson School of Business, Concordia University, Montreal, QC, Canada

2019 - 2021 **Micro Masters in Supply Chain Management**
Massachusetts Institute of Technology

2000 - 2001 **Masters of Business Administration**
Southern New Hampshire University, Manchester, New Hampshire, USA

1989 - 1994 **Bachelor of Engineering, Civil**
American University of Beirut, Beirut, Lebanon

TEACHING

Sep 2020 to date **Associate Professor**, Adnan Kassar School of Business, Lebanese American University, Lebanon
Teaching, Research and Services

Oct 2013 to Aug 2020 **Assistant Professor**, Adnan Kassar School of Business, Lebanese American University, Lebanon
Teaching, Research and Services

2008 - 2012 **Adjunct Professor**, John Molson School of Business, Concordia University, Montreal, QC
Teaching Production and Operations Management

2012 **Lecturer**, School of Continuing Studies, McGill University, Montreal, QC
Course Design and Teaching Supply Chain Risk Management

RESEARCH

Publications

Bandaly, D. 2025. Socially sustainable procurement model, *Journal of the Operational Research Society*, pp. 1–18. doi: 10.1080/01605682.2025.2533265.

Bandaly, D, Bou Frem, N., 2024. Shelf replenishment inventory model to minimize nutrient loss. *Submitted to Annals of Operations Research journal*, under review.

Bandaly, D.C. and Hassan, H.F., 2020. Postponement implementation in integrated production and inventory plan under deterioration effects: a case study of a juice producer with limited storage capacity. *Production Planning & Control*, 31 (4), pp. 322-337.

Bandaly, D., Shanker, L. and Şatır, A., 2018. Integrated Financial and Operational Risk Management of Foreign Exchange Risk, Input Commodity Price Risk and Demand Uncertainty. *IFAC-PapersOnLine*, 51(11), pp.957-962.

Bandaly, D., Satir, A. and Shanker, L. 2016. "Impact of Lead Time Variability in Supply Chain Risk Management." *International Journal of Production Economics*, 180, pp.88-100..

Bandaly, D., Satir, A. and Shanker, L. 2014. "Integrated Supply Chain Risk Management via Operational Methods and Financial Instruments." *International Journal of Production Research*, 52 (7), 2007 - 2025.

Kira, D., Satir, A. and Bandaly, D. 2013. "Financial and Operational Risk Management at Molson Coors". In *The Supply Chain Management Casebook: Comprehensive Coverage and Best Practices in SCM*, edited by Munson, C., 50 – 67. Financial Time Press: New Jersey.

Bandaly, D., Shanker, L., Kahyaoglu, Y., and Satir, A., 2013. Supply chain risk management – II: A review of operational, financial and integrated approaches. *Risk Management*, 15 (1), 1 - 31.

Bandaly, D., Satir, A., Kahyaoglu, Y. and Shanker, L. 2012. Supply chain risk management – I: Conceptualization, framework and planning process. *Risk Management*, 14 (4), 249 - 271.

Salam, A., Bandaly, D. and Defersha, F.M. 2011. Optimizing the design of a supply chain network with economies of scale using mixed integer programming. *International Journal of Operational Research*, 10 (4), 398 – 415.

Working Papers Bandaly, D. "Optimal Inventory and Sales Plan of Lebanese Apple Growers." Lebanese American University, Lebanon.

Bandaly, D. "Optimizing the travelling salesman problem to minimize carbon footprint in the beer industry." Lebanese American University, Lebanon.

Bandaly, D. "Supply chains: logistics networks or competitive entities- an analysis using resource-based theory." Lebanese American University, Lebanon.

TAUGHT COURSES

Graduate	<ul style="list-style-type: none">• Supply Chain Design• Quantitative Methods for Decision Making• Supply Chain Management• Operations Management
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Undergraduate	<ul style="list-style-type: none">• Business Modeling with Excel• Operations and Production Management• Managerial Statistics
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- Research Methods
- Supply chain risk management

ACADEMIC PROJECTS AND CONTRIBUTIONS

2013 - 2025 Invited reviewer for papers in International Journal of Production Economics, Journal of Advanced Manufacturing Systems, Journal of the Operational Research Society, International Journal of Information Technology & Decision Making, International Journal of Production Research, Decision Sciences

2014 Editing Operations Management textbook for **McGraw-Hill Education**
Write four 'Operations Tours' that provide insight information on the operations of real-world organizations.

Editing Operations Management textbook for **McGraw-Hill Education**
Write 16 'Reading Boxes' that highlight real world applications of Operations Management tools.

2013 **The Certified General Accountants Association of Canada (CGA-C)**
Perform an academic review of material for Risk Management course

2012 **World Anti-Doping Agency**, Montreal, QC, Canada
Data analysis of anti-doping activities reported by national anti-doping organizations around the world and international sports federations

2010 **World Anti-Doping Agency**, Montreal, QC, Canada
Data analysis of anti-doping tests results reported by designated laboratories in various countries

INDUSTRY EXPERIENCE

1994 - 2006 **Future Pipe Industries**, Dubai, United Arab Emirates
Site Services & Projects Manager
Responsible for planning, implementing and evaluating all operations of the Site Services Department and managing large scale pipeline installation projects

VOLUNTEER EXPERIENCE

2009 - 2013 **CPE Concordia**, Montreal, QC, Canada
Serving on the board of directors
President of the board for two years

2010 - 2013 **Innovation Youth**, Montreal, QC, Canada
Teaching mathematics and statistics to help dropouts return to school

LANGUAGE SKILLS

English, French, Arabic

PROFESSIONAL AFFILIATIONS

- Institute for Operations Research and Management Science (INFORMS)

- Production and Operation Management Society (POMS)
- European Operations Management Association (EurOMA)
- Golden Key International Honor Society
- American Society of Civil Engineers (ASCE)
- Order of Engineers, Lebanon