

**Dia Bandaly**

Lebanese American University, Adnan Kassar School of Business, PO Box 36, Byblos, Lebanon

Home: + 961-9-856348

dia.bandaly@lau.edu.lb

Mobile: + 961-70-049235

dbandaly@yahoo.com

**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 Şatir, 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**

- Supply Chain Design
- Quantitative Methods for Decision Making
- Supply Chain Management
- Operations Management

#### **Undergraduate**

- Business Modeling with Excel
- Operations and Production Management
- Managerial Statistics

- 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