

David F. Drake

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ACADEMIC POSITIONS

Leeds School of Business , University of Colorado Assistant Professor (Strategy, Entrepreneurship and Operations Department)	Boulder, CO 2018–Present
Harvard Business School , Harvard University Assistant Professor (Technology and Operations Management)	Boston, USA 2011–2018
INSEAD Visiting Scholar (Technology and Operations Management)	Fontainebleau, France and Singapore 2017–2018

AWARDS

Research Awards

- 2017 Runner up, Wickham Skinner Award for best paper published in *Production and Operations Management* during 2016 for “Technology Choice and Capacity Portfolios under Emissions Regulation” (with Paul R. Kleindorfer and Luk N. Van Wassenhove)
- Advisor to (and co-author with) Karthik Balasubramanian
 - Runner up for 2017 POMS Sustainable Operations College Student Paper Award for “Inventory Management for Mobile Money Agents in the Developing World”
 - Finalist for 2017 Doing Good with Good OR Student Paper Award for “Inventory Management for Mobile Money Agents in the Developing World”

Teaching Awards

- 2018 Nominated for best INSEAD teacher in an elective (one of three nominees for Singapore)

Service Awards

- 2016 Manufacturing & Service Operations Management, Meritorious Service Award
- 2014 Manufacturing & Service Operations Management, Meritorious Service Award

Practitioner Awards

- 2003 Bertelsmann Synergy Award: From board of directors for strategic vendor agreements
- 2001 Compaq Achievement Award: For division-wide forecasting improvements

ACADEMIC PUBLICATIONS and WORKING PAPERS

Accepted and Published Papers

1. 2018. “Carbon Tariffs: Effects in Settings with Technology Choice and Foreign Production Cost Advantage.” 20(4), pages 667-686 *Manufacturing & Service Operations Management*. (Solo author)
 - Video abstract available at: <https://vimeo.com/287319846>
2. 2016. “Technology Choice and Capacity Portfolios under Emissions Regulation.” *Production and Operations Management* 25(6), pages 1006-1025. (With Paul R. Kleindorfer and Luk N. Van Wassenhove).
 - Runner-up, Wickham Skinner Award for the best paper published in *Production and Operations Management* during 2016.
3. 2014. “Observation Bias: The Impact of Demand Censoring on Newsvendor Level and Adjustment Behavior.” *Management Science* 60(5), pages 1334–1345. (With Nils Rudi).
4. 2013. “Sustainable Operations Management: An Enduring Stream or a Passing Fancy?” Special Issue on the Environment. *Manufacturing & Service Operations Management* 15(4), pages 689–700. (With Stefan Spinler).

Working Papers and Work in Progress

5. “Inventory Management for Mobile Money Agents in the Developing World.” (With Karthik Balasubramanian and Douglas Fearing). Status: Under second round review at *Manufacturing & Service Operations Management*.
 - Runner up, POMS Sustainable Operations College Student Paper Award
 - Finalist , Doing Good with Good OR Student Paper Award
6. “Show or Tell?: A Tanzanian Mobile Money Field Experiment Measuring the Effect of Decision Support on Agent Performance” (With Chris Parker, Jason Acimovic, and Karthik Balasubramanian). Status: Being revised for resubmission to *Management Science*.
7. “Service Quality and Competition: An Empirical Analysis of Mobile Money Markets in Africa.” (With Karthik Balasubramanian). Status: Being revised for submission to *Journal of Operations Management*.
8. “Kicking Ash: Who (or What) Is Winning the War on Coal?”(With Jeffrey York). Status: Analysis complete; paper in development.
9. “How Does Flexibility Affect Environmental Performance? Empirical Evidence from the Electricity Generation Industry” (With Suresh Muthulingham). Status: Analysis complete; paper in development.
10. “Sustainable Fleet Operations: The Collaborative Adoption of Electric Vehicles.” (With Vanessa Chocteau, Paul R. Kleindorfer, Renato Orsato, and Alain Roset).

MANAGERIAL PUBLICATIONS

Book Chapters and Articles

11. 2016. "Ignore, Avoid, Abandon, and Embrace: What Drives Firm Responses to Environmental Regulation?" In *Environmentally Responsible Supply Chains*, edited by Atalay Atasu. New York, NY: Springer, pages 199-222. (With Robin Just).
12. 2016. "Is Cap-and-Trade or Carbon Tax Better for Business?" INSEAD Knowledge. (With Luk N. Van Wassenhove).

PEDAGOGICAL PUBLICATIONS

Cases and Teaching Notes

13. 2016. "Ekal Vidyalaya: Education for Rural India" Harvard Business School Case 617-021, September. (With Namrata Bhattacharya, Pooja Godbole, and Amrita Saigal).
14. 2015. "Unilever: Combatting Global Food Waste." Harvard Business School Case 615-040, March. (With Janice H. Hammond and Matthew G. Preble).
15. 2014. "Whole Foods: The Path to 1,000 Stores." Harvard Business School Case 615-019, September. (With Ryan Buell, Melissa Barton, Taylor Jones, Katrina Keverian, and Jeff Stock.).
16. 2014. "HeidelbergCement: The Baltic Kiln Decision." Harvard Business School Case 614-025, March. (With Paul R. Kleindorfer and Luk N. Van Wassenhove).
17. 2010. "HeidelbergCement: Technology Choice Under Carbon Regulation." European Case Clearing House Case. (With Paul R. Kleindorfer and Luk N. Van Wassenhove)
18. 2009. "Ludo (A): Ludo Press and the Newsvendor Problem." Institut Européen d'Administration des Affaires (INSEAD) Case. (With Nils Rudi).
19. 2008. "Cycleon (A): Postal Networks for Reverse Logistics." European Case Clearing House Case. (With Atalay Atasu and Luk N. Van Wassenhove).
20. 2008. "Cycleon (A): Postal Networks for Reverse Logistics Teaching Note." (With Atalay Atasu and Luk N. Van Wassenhove).

TEACHING EXPERIENCE

Harvard Business School, MBA Program

Professor, Operations Strategy: Managing Growth	Spring 2017
Professor, Operations Strategy: Managing Growth, 2 sections	Spring 2016
Professor, Operations Strategy: Managing Growth	Spring 2015
Professor, Operations Strategy: Managing Growth	Fall 2013
Professor, Technology and Operations Management (Operations core), 2 sections	Fall 2012
Professor, Technology and Operations Management (Operations core)	Fall 2011

INSEAD, MBA Program

Professor, Decision Models	May/June 2018
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Professor, Business Foundations: Quantitative Methods	Dec 2017
Professor, Models for Strategic Planning	Nov/Dec 2017
Teaching Assistant, Process and Operations Management (Operations core)	Spring 2010
Teaching Assistant, Prices and Markets (Microeconomics core)	Fall 2007

BI Norwegian School of Management, Undergraduate and Master Programs

Guest Lecturer, class on newsvendor decision-making (8 sections)	Spring 2009
Guest Lecturer, class on newsvendor decision-making (6 sections)	Spring 2008

Vanderbilt University (Owen School of Management), MBA Program

Teaching Assistant, Operations Management (Operations core)	Fall 1999
Teaching Assistant, Managerial Statistics (Statistics core)	Fall 1999

Academic Service

Positions

Track Co-Chair	Production and Operations Management Conference, Environmental Operations Track (2018)
SIG Co-Chair	Manufacturing and Service Operations Management Sustainable Operations Special Interest Group (SIG) Conference (2017)
Vice President	Outreach and Awards, Production and Operations Management College of Sustainable Operations (2012-2014)
Competition Chair	Sustainable Operations Student Paper Competition, Production and Operations Management College of Sustainable Operations (2013, 2014)
Committee Member	Wickham Skinner Teaching Innovation Award, Production and Operations Management Society (2016)
Cluster Chair	INFORMS Conference, Manufacturing and Service Operations Management, Sustainable Operations Cluster (2012)
Session Chair	Production and Operations Management Conference, Sustainable Operations Track, (2009, 2010, 2011, 2012, 2013, 2016, 2017, 2019)
Session Chair	INFORMS Conference, Manufacturing and Service Operations Management Track, (2012, 2015)
Competition Referee	Manufacturing and Service Operations Management Student Paper Competition (2014, 2015)
Journal Referee	Journal of Operations Management (2012-present), Management Science (2012-present), Manufacturing & Service Operations Management (2011-present), Production and Operations Management (2010-present)

Academic Service Awards

- 2016 Manufacturing & Service Operations Management, Meritorious Service Award
- 2014 Manufacturing & Service Operations Management, Meritorious Service Award

Education

INSEAD , Fontainebleau, France	2006–2011
PhD, Management (Technology and Operations Management)	
MSc, Management (Technology and Operations Management)	
Columbia University , New York, NY, USA	2004–2006
Continuing education in Mathematics and Operations Research	
Vanderbilt University (Owen School of Management) , Nashville, TN, USA	1998–2000
MBA, Operations Management	
Vanderbilt University , Nashville, TN, USA	1990–1994
BA, Psychology and Organizational Development	

Academic Awards

- INSEAD fellowship (2006 – 2011)
- Beta Gamma Sigma Honor Society (2000)
- Merit scholarship (1999 – 2000)
- Dean’s List (1998 - 2000)

Professional Experience

Random House, Inc. (a division of Bertelsmann AG)	New York, NY, USA
<i>Director, Publishing Operations Projects and Production Purchasing</i>	2003–2006
<i>Director, Publishing Operations Projects</i>	2001–2003
Led a supply chain project team that saved an estimated \$8MM annually, and managed a purchasing team responsible for a \$76MM annual budget.	
Compaq Computer, Inc.	Houston, TX, USA
<i>Business Operations Product Manager, Enterprise Storage Division</i>	2000–2001
Managed business operations for segment with \$300MM in annual revenue.	
Ingram Book Company, Inc.	LaVergne, TN, USA
<i>Operations Management Intern</i>	Summer 1999
Analyzed improvement opportunity for \$41MM outbound freight operation.	
Independent Contractor	Nashville, TN, USA
<i>Freelance Camera Assistant</i>	1995–1998
Assisted on over 60 music videos, commercials, and independent feature films.	

Professional Awards

- 2003 Bertelsmann Synergy Award: From board of directors for strategic vendor agreements.
- 2001 Compaq Achievement Award: For division-wide forecasting improvements.