

# David F. Drake

Leeds School of Business • Strategy, Entrepreneurship, and Operations  
University of Colorado • Boulder, CO 80309  
(e) dfdrake@colorado.edu

---

## ACADEMIC POSITIONS

---

7/2018 - Present	<b>Leeds School of Business</b> , University of Colorado Assistant Professor	Boulder, CO
7/2011 - 6/2018	<b>Harvard Business School</b> , Harvard University Assistant Professor	Boston, MA
7/2017 - 6/2018	<b>INSEAD</b>	Fontainebleau, France and Singapore
5/2019 - 6/2019	Visiting Scholar	

---

## ACADEMIC PUBLICATIONS and WORKING PAPERS

---

1. 2020. “Kicking Ash: Who (or What) Is Winning the War on Coal?” (With Jeffrey York). Status: Forthcoming at *Production and Operations Management*.
2. 2020. “Show or Tell?: Improving Inventory Support for Agent-based Businesses at the Base of the Pyramid” (With Jason Acimovic, Chris Parker, and Karthik Balasubramanian). Conditionally accepted at *Manufacturing & Service Operations Management*.
  - Runner-up, 2019 INFORMS Public Sector Operations Research Best Paper Award
3. 2018. “Carbon Tariffs: Effects in Settings with Technology Choice and Foreign Production Cost Advantage.” *Manufacturing & Service Operations Management* 20(4), pages 667-686. (Solo).
  - Video abstract available at: [https://www.youtube.com/watch?v=Kk\\_-Jule9Ew](https://www.youtube.com/watch?v=Kk_-Jule9Ew)
4. 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.
5. 2014. “Observation Bias: The Impact of Demand Censoring on Newsvendor Level and Adjustment Behavior.” *Management Science* 60(5), pages 1334–1345. (With Nils Rudi).
6. 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).

7. "Mobile Money: Policies for Managing Cash and Digital Currency Inventories in the Developing World." (With Karthik Balasubramanian and Douglas Fearing). Status: Under fourth round (major revision) at *Manufacturing & Service Operations Management*.
  - Runner-up, 2017 POMS Sustainable Operations College Student Paper Award
  - Finalist, 2017 Doing Good with Good OR Student Paper Award
8. "Service Quality and Competition: An Empirical Analysis of Mobile Money Markets in Africa." (With Karthik Balasubramanian and Gloria Urrea). Status: Under second round (major revision) at *Production and Operations Management*.
9. "How Does Flexibility Affect Environmental Performance? Empirical Evidence from the Electricity Generation Industry" (With Suresh Muthulingham). Status: Under second round (major revision) at *Management Science*.
10. "Coopetition in First Response Operations to Global Disasters" (With Hasti Rahemi). Status: Final edits for first round submission to *Manufacturing & Service Operations Management*.

---

### MANAGERIAL PUBLICATIONS

---

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

---

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

---

### Leeds School of Business, Undergraduate, MBA, and PhD programs

Operations Management (MBA core), 1 section	Spring 2021
Operations Management (Evening MBA core), 2 sections	Spring 2021
Operations Management (MBA core), 2 sections	Spring 2020
Principals of Operations Management (undergraduate core), 2 sections	Spring 2020
Principals of Operations Management (undergraduate core), 2 sections	Spring 2019
Seminar in Operations Management (PhD elective)	Spring 2019

### Harvard Business School, MBA program

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

### INSEAD, MBA program

Decision Models	May/June 2019
Decision Models	May/June 2018
Business Foundations: Quantitative Methods	Dec 2017
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 Masters programs

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

### Teaching and Curriculum Development Awards

- 2020 Winner, Leeds Business School Graduate Teaching Innovation Award
- 2018 Winner, Page Prize for sustainability curriculum development for "Building a Sustainable Future: Business Model Innovation as a Force for Good" (with Andre Calmon and Jackie Stenson)
- 2018 Nominated, Best INSEAD teacher in an elective (one of three nominees for Singapore)

---

## ACADEMIC SERVICE

---

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, 2020) INFORMS Conference, Manufacturing and Service Operations Management Track, (2012, 2015), Special Issue on Climate Change Adaptation (2020)
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

---

<b>INSEAD</b> , Fontainebleau, France	2006–2011
PhD, Management (Technology and Operations Management)	
MSc, Management (Technology and Operations Management)	
<b>Columbia University</b> , New York, NY, USA	2004-2006
Continuing education in Mathematics and Operations Research	
<b>Vanderbilt University (Owen School of Management)</b> , Nashville, TN, USA	1998-2000
MBA, Operations Management	
<b>Vanderbilt University</b> , 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  
*Director, Publishing Operations Projects and Production Purchasing* 2003-2006  
*Director, Publishing Operations Projects* 2001-2003  
Led a supply chain project team that saved an average of \$8MM annually,  
and a purchasing team responsible for a \$76MM annual budget.
- Compaq Computer, Inc.** Houston, TX, USA  
*Business Operations Product Manager, Enterprise Storage Division* 2000-2001  
Managed business operations for segment with \$300MM in annual revenue.
- Ingram Book Company, Inc.** LaVergne, TN, USA  
*Operations Management Intern* Summer 1999  
Analyzed improvement opportunity for \$41MM outbound freight operation.
- Independent Contractor** Nashville, TN, USA  
*Freelance Camera Assistant* 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.

---

## AWARDS

---

### Research Awards

- 2019 Runner-up, INFORMS Public Sector Operations Research Award for “Show or Tell? Improving Inventory Support for Agent-based Businesses at the Base of the Pyramid”
- 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”
- Advisor to (and co-author with) Karthik Balasubramanian
  - Runner-up, 2017 POMS Sustainable Operations College Student Paper Award for “Inventory Management for Mobile Money Agents in the Developing World”
  - Finalist, 2017 Doing Good with Good OR Student Paper Award for “Inventory Management for Mobile Money Agents in the Developing World”

### Curriculum Development Awards

- 2018 Page Prize for Sustainability Issues in Business Curriculum for the development of the course “Building a Sustainable Future: Business Model Innovation as a Force for Good”

### Teaching Awards

- 2020 Winner, Leeds Business School Graduate Teaching Innovation Award
- 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 identifying and leading the implementation of division-wide forecasting improvements