

David F. Drake

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ACADEMIC POSITIONS

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| 10/2023 - Present | Leeds School of Business , University of Colorado | Boulder, CO |
| 8/2023 - Present | Division Chair, Social Responsibility & Sustainability Division | |
| 7/2018 - 8/2023 | Associate Professor | |
| 7/2011 - 8/2023 | Assistant Professor | |
| 7/2011 - 6/2018 | Harvard Business School , Harvard University | Boston, MA |
| | Assistant Professor | |
| 7/2017 - 6/2018 | INSEAD | Fontainebleau, France and Singapore |
| 5/2019 - 6/2019 | Visiting Scholar | |

EDUCATION

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|---|-----------|
| 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)

ACADEMIC PUBLICATIONS & WORKING PAPERS

1. 2023. "The Impact of Poverty on Base of the Pyramid Operations: Evidence from Mobile Money in Africa." *Journal of Operations Management* 69(4), pages 616-642. (With Karthik Balasubramanian and Gloria Urrea)
 - Winner, 2023 Center for Ethics and Social Responsibility Highest Impact Paper Award

2. 2023. "Mobile Money: Policies for Managing Cash and Digital Currency Inventories in the Developing World." *Manufacturing & Service Operations Management* 25(3), pages 958-974. (With Karthik Balasubramanian, Jason Acimovic, and Douglas Fearing).
 - Runner-up, 2017 POMS Sustainable Operations College Student Paper Award
 - Finalist, 2017 Doing Good with Good OR Student Paper Award
3. 2022. "Show or Tell?: Improving Inventory Support for Agent-based Businesses at the Base of the Pyramid." *Manufacturing & Service Operations Management* 24(1), pages 664-681. (With Jason Acimovic, Chris Parker, and Karthik Balasubramanian).
 - Runner-up, 2019 INFORMS Public Sector Operations Research Best Paper Award
4. 2021. "Kicking Ash: Who (or What) Is Winning the War on Coal?" *Production and Operations Management* 30(7), pages 2162-2187. (With Jeffrey York).
 - Winner, 2022 Kahle Family Research Excellence Award
 - Winner, 2021 Center for Ethics and Social Responsibility Highest Impact Paper Award
 - Per Altmetric, ranked among top 1% for quality and quantity of media attention among all 21+ million papers they track and among papers published in *Production and Operations Management*
5. 2018. "Carbon Tariffs: Effects in Settings with Technology Choice and Foreign Production Cost Advantage." *Manufacturing & Service Operations Management* 20(4), pages 667-686. (Solo).
 - Contacted by the European Parliament Economics Committee to discuss this paper in relation to the Carbon Border Adjustment Mechanism that they were developing and have now passed
 - Video abstract available at: https://www.youtube.com/watch?v=Kk_-Jule9Ew
6. 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.
 - Most cited paper published in *Production and Operations Management* in 2016 (per Web of Science)
7. 2014. "Observation Bias: The Impact of Demand Censoring on Newsvendor Level and Adjustment Behavior." *Management Science* 60(5), pages 1334–1345. (With Nils Rudi).
8. 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).
 - Second most cited paper in *Manufacturing & Service Operations* in 2013 (per Web of Science)
9. "How Does Flexibility Affect Environmental Performance? Empirical Evidence from the Electricity Generation Industry" (With Suresh Muthulingham). Status: Preparing for resubmission.
10. "Coopetition in First Response Operations to Global Disasters" (With Hasti Rahemi). Status: Final edits for first round submission to *Manufacturing & Service Operations Management*.
11. "Two-way inventory pools for mobile money agents in the developing world." (With Karthik Balasubramanian and Jason Acimovic). Status: In progress.

MANAGERIAL PUBLICATIONS

12. 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).
13. 2016. "Is Cap-and-Trade or Carbon Tax Better for Business?" INSEAD Knowledge. (With Luk N. Van Wassenhove).

PEDAGOGICAL PUBLICATIONS

14. 2016. "Ekal Vidyalaya: Education for Rural India" Harvard Business School Case 617-021, September. (With Namrata Bhattacharya, Pooja Godbole, and Amrita Saigal).
15. 2015. "Unilever: Combatting Global Food Waste." Harvard Business School Case 615-040, March. (With Janice H. Hammond and Matthew G. Preble).
16. 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.).
17. 2014. "HeidelbergCement: The Baltic Kiln Decision." Harvard Business School Case 614-025, March. (With Paul R. Kleindorfer and Luk N. Van Wassenhove).
18. 2010. "HeidelbergCement: Technology Choice Under Carbon Regulation." European Case Clearing House Case. (With Paul R. Kleindorfer and Luk N. Van Wassenhove)
19. 2009. "Ludo (A): Ludo Press and the Newsvendor Problem." Institut Européen d'Administration des Affaires (INSEAD) Case. (With Nils Rudi).
20. 2008. "Cycleon (A): Postal Networks for Reverse Logistics." European Case Clearing House Case. (With Atalay Atasu and Luk N. Van Wassenhove).
21. 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

| | |
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| Operations Management (MBA core), 1 section | Spring 2023 |
| Operations Management (Evening MBA core), 1 section | Spring 2023 |
| Operations Management (Hybrid MBA core), 1 section | Spring 2023 |
| Operations Management (MBA core), 2 sections | Spring 2022 |
| Operations Management (Evening MBA core), 1 section | Spring 2022 |
| Operations Management (Hybrid MBA core), 1 section | Spring 2022 |
| 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 |

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| Principles of Operations Management (undergraduate core), 2 sections | Spring 2020 |
| Principles of Operations Management (undergraduate core), 2 sections | Spring 2019 |
| Seminar in Operations Management (PhD elective) | Spring 2019 |

Harvard Business School, MBA program

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| 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

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| 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

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| 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

- Winner, 2023 Joseph L. Frasca Teaching Excellence Award
- Winner, 2023 MBA CORE Teaching Award
- Finalist, 2022 MBA CORE Teaching Award (one of three finalists)
- Finalist, 2021 MBA CORE Teaching Award (one of three finalists)
- Winner, 2020 MBA CORE Teaching Award
- Winner, 2018 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)
- Nominee, 2018 Best INSEAD teacher in an elective (one of three nominees for Singapore)

ACADEMIC SERVICE

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| Co-Organizer | Early-Career Sustainable Operations Management Workshop (to be hosted at Leeds, February 2025) |
| Co-Organizer | Behavioral Operations Conference (to be hosted at Leeds, June 26-28, 2024) |
| 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) |

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| 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, 2024) 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, 2023) |
| 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

INSTITUTION and DEPARTMENT SERVICE

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|-----------------|---|
| Chair | Joseph L. Frasca Teaching Excellence Award Committee (2023/2024) |
| Chair Member | Master's Curriculum Planning Committee (2022/2023, 2023/2024) (2020/2021, 2021/2022) |
| Chair | Full-time MBA Core Curriculum Review Committee (2022/2023, 2023/2024) |
| Chair | Doctoral Student Teaching Award Committee (2020/2021) |
| Co-Chair | Operations Management Seminar Series Committee (2021/2022, 2022/2023) |
| Member | Primary Unit Evaluation Committee (multiple committees in 2019/2020, 2022/2023, and 2023/2024; single committee in 2018/2019, 2020/2021, 2021/2022) |
| Member | Operations Management Faculty Recruiting Committee (2018/2019, 2019/2020, 2022/2023) |

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| Member | Distance and Online Learning Committee (2019/2020) |
| Mentor | Diverse Scholars Faculty Mentoring Program (2021/2022, 2022/2023) |
| Panelist | Inclusive Practice Faculty Panel (Fall 2023, School-wide event to help promote faculty success in promoting diverse perspectives in the classroom) |
| Presenter | Climate Across the Curriculum Symposium (Fall 2022, University-wide symposium hosted by Environmental Studies) |
| Presenter | Research and Innovation for Climate Change Open House (Fall 2022, pre-Global Climate Summit event) |

PROFESSIONAL EXPERIENCE

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| 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 average of \$8MM annually, and 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 more than 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.

INVITED PRESENTATIONS

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| 2023 | Production and Operations Management Society Conference, INFORMS Annual Conference |
| 2022 | INFORMS Annual Conference, CU Boulder Climate Across the Curriculum |

- 2020 Early-career Sustainable Operations Workshop, CU Boulder Leeds School Brownbag Series
- 2019 Production and Operations Management Society Conference
- 2018 University of Utah David Eccles School of Business, Production and Operations Management Society Conference
- 2017 CU Boulder Leeds School of Business, Indiana University Kelley School of Business, Production and Operations Management Society Conference, INFORMS Annual Conference
- 2016 The Ohio State University Fisher School of Business, UNC Keenan-Flagler School of Business, Production and Operations Management Society Conference, INFORMS Annual Conference
- 2015 Harvard Kennedy School of Government, INFORMS Annual Conference
- 2014 INFORMS Annual Conference
- 2013 Production and Operations Management Society Conference
- 2012 Production and Operations Management Society Conference, INFORMS Annual Conference
- 2011 CU Boulder Leeds School of Business, UVA Darden, School of Business, Harvard Business School, Penn State Smeal College of Business, The Ohio State University Fisher School of Business, Indiana University Kelley School of Business, Vanderbilt University Owen School of Business, INFORMS Annual Conference, Production and Operations Management Society Conference
- 2010 INFORMS Annual Conference, Production and Operations Management Society Conference
- 2009 INFORMS Annual Conference, Production and Operations Management Society Conference