

CURRICULUM VITAE - FINN PETERSEN

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Supply Chain and Operations Department, Carlson School of Management, University of Minnesota

EDUCATION

Carlson School of Management, University of Minnesota (Minneapolis, USA) Expected 2025
Doctor of Philosophy (Ph.D.) in Business Administration: Supply Chain and Operations

- **Dissertation:** Preventing Organizational Misconduct: An Operations Management Perspective
- **Advisor:** [Rachna Shah](#)
- **Research interests:** Organizational Misconduct, Operations Strategy, Econometrics, Machine Learning

Chalmers University of Technology (Gothenburg, Sweden) 2015 - 2017
Master of Science (M.Sc.) in Quality and Operations Management

- Six Sigma Black Belt Certification

Nordakademie University of Applied Science (Elmshorn, Germany) 2011 - 2015
Bachelor of Science (B.Sc.) in Industrial Engineering and Management

RESEARCH

Research in Progress

- Product Recall Decisions and the CEO: Informed Trading in the Medical Device Industry (with Rachna Shah; George Ball; Salman Arif). *Under review at **Management Science***
- Are Chief Sustainability Officers Guardians of Environmental Justice? An Empirical Evaluation (with Vibhuti Dhingra; Rachna Shah). *Under review at **Management Science***
 - **Job market paper:** Presenting at INFORMS on October 23 at 8:00am in room Summit – 441
 - Accepted 2024 MSOM Sustainable Operations SIG Day
 - Best student paper finalist and featured in best paper proceedings (top 10% of submissions) for the Operations and Supply Chain Management division at the 2024 Academy of Management Conference
- Improving Inspection Resource Allocation to Control Organizational Misconduct (with Rachna Shah; Ujjal Mukherjee). *Working paper; targeting **Manufacturing & Service Operations Management***
 - Best Operations Poster at Technical University Munich: Workshop on Digital Technologies in Operations and Marketing 2024
- Navigating Demand Shocks: Reassessing the Relevance of Operational Decisions in Dynamic Environments (with Rachna Shah). *Working paper; targeting **Production and Operations Management***
- Understanding the Drivers, Prevention, and Consequences of Organizational Misconduct: An Operations and Supply Chain Management based Framework (with Rachna Shah). *Preparing manuscript; targeting **Journal of Operations Management***
- Corporate Governance and Misconduct Incidents (with Will Diebel). *Completed data collection; Starting empirical analysis*
- Consumer Reaction to Misconduct: The Moderating Effect of Supply Chain Transparency (with Rachna Shah; Serguei Netessine). *Data collection in progress*

Peer-Reviewed Publications with Practitioner/Policy Focus

Petersen, Finn; Errore, Anna; and Karaca-Mandic, Pinar (2022). The effect of lifting mask mandates on the development of COVID-19 cases in Iowa. *Medical Care* 60 (7), 538-544 DOI: [10.1097/mlr.0000000000001725](https://doi.org/10.1097/mlr.0000000000001725)

Peer-Reviewed Conference Proceedings

Petersen, Finn; Dhingra, Vibhuti; Shah Rachna. (2024). Are Chief Sustainability Officers Guardians of Environmental Justice? An Empirical Evaluation. In Sonia Taneja (Ed.), Proceedings of the Eighty-fourth Annual Meeting of the Academy of Management. Online. ISSN: 2151-6561. DOI: [10.5465/AMPROC.2024.67bp](https://doi.org/10.5465/AMPROC.2024.67bp)

Book Chapters

Borrmann, Frank; **Petersen, Finn**; and Seeboth, Alexander (2021). Strukturwandel im Vertrieb - Kooperationen als Antwort auf die Herausforderungen verschiedener Unternehmenscluster. [Structural Change in Sales - Cooperations as a Response to the Challenges of Various Business Clusters] In Markus H. Dahm (Ed.): Kooperationsmanagement in der Praxis. Wiesbaden: Springer. DOI: [10.1007/978-3-658-28112-0](https://doi.org/10.1007/978-3-658-28112-0)

PRESENTATIONS AND WORKSHOP ORGANIZATION

Invited Seminar Presentations

Are Chief Sustainability Officers Guardians of Environmental Justice? An Empirical Evaluation

- | | |
|--|-------------|
| • Warwick Business School, UK | March, 2024 |
| • University of Bath, School of Management, UK | March, 2024 |
| • University of Bristol Business School, UK | March, 2024 |

Workshop Organization

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| • Professional Development Workshop at Academy of Management (Boston, USA) | August, 2023 |
| – Organizational Misconduct: Developing an Operations Management-Based Research Agenda | |

Conference Presentations

Are Chief Sustainability Officers Guardians of Environmental Justice? An Empirical Evaluation

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| • Decision Sciences Institute Annual Meeting (Phoenix, USA) [invited] | November, 2024 |
| • INFORMS Annual Meeting (Seattle, USA) [invited] | October, 2024 |
| • Multidisciplinary Academic Research Summit (Minneapolis, USA) | July, 2024 |
| • Academy of Management Conference (Chicago, USA) | July, 2024 |
| • MSOM Sustainable Operations SIG Day (Minneapolis, USA) | June, 2024 |
| • EurOMA Conference (Barcelona, ES) | June, 2024 |
| • POMS Conference (Minneapolis, USA) [invited] | April, 2024 |
| • EurOMA Sustainability Forum (Hamburg, DE) | March, 2024 |
| • INFORMS Annual Meeting (Phoenix, USA) [invited] | October, 2023 |

Product Recall Decisions and the CEO: Informed Trading in the Medical Device Industry

- | | |
|--|--------------|
| • Academy of Management Conference (Boston, USA) | August, 2023 |
| • EurOMA Conference (Berlin, DE) | July, 2022 |
| • MSOM Annual Conference (Munich, DE) | June, 2022 |
| • POMS Conference (Online) | May, 2022 |

Improving Inspection Resource Allocation to Control Organizational Misconduct

- Workshop on Digital Technologies in Operations and Marketing (Heilbronn, DE) [invited] June, 2024
- POMS Conference (Minneapolis, USA) [invited] April, 2024
- Industry Studies Association (ISA) Conference (Columbus, USA) June, 2023
- POMS Conference (Orlando, USA) [invited] May, 2023

Navigating Demand Shocks: Reassessing the Relevance of Operational Decisions in Dynamic Environments

- Decision Sciences Institute Annual Meeting (Online) November, 2021

AWARDS, SCHOLARSHIPS, AND GRANTS

- Carlson Doctoral Dissertation Fellowship 2024
 - One of six awarded fellowships for exceptional dissertation progress (\$31,000)
- Ph.D. Student Teaching Award 2024
 - Carlson School of Management award for teaching excellence among Ph.D. students
- Grant for Diversity, Equity, and Inclusion Research 2023, 2024
 - A grant to support business research on diversity, equity, and inclusion (\$3,000)
- Best Reviewer Award – Academy of Management Conference 2023
 - Exceptional reviewing efforts for the Operations and Supply Chain Management division
- Carlson School PhD Student Travel Fellowship 2022, 2023
 - A fellowship for conference-related travel (\$1,750)
- Roger and Marlene Schroeder Outstanding 1st Year Ph.D. Student Paper Award 2021
 - An award for exceptional student achievement early in the Ph.D. student's journey
- 1st Place Interdisciplinary Health Data Competition 2021
 - Interdisciplinary data competition by the Medical Industry Leadership Institute (\$4,000)
 - Results published in Medical Care

PROFESSIONAL SERVICE AND COMMUNITY INVOLVEMENT

Service to the Academic Field

- Ad Hoc Reviewer
 - Journal of Operations Management 2023
- Conferences Reviewer
 - Academy of Management Conference 2022 - 2024
 - European Operations Management Association (EurOMA) Conference 2022 - 2024
- Technical Track Manager
 - Production and Operations Management Society (POMS) Conference 2021, 2022

Service to the University of Minnesota

- Carlson PhD Program Student Advisory Council 2023 - Present
- PhD Brown Bag Seminar Series Organization 2023
- Council of Graduate Students Research Grants Reviewer 2022

TEACHING EXPERIENCE

Instructor

- Sustainable Supply Chain & Operations (student evaluation score: **5.75/6**) 2024
 - A 3-credit, core course for business undergraduates. 39 students in Spring 2024.The student evaluations are available at z.umn.edu/fp-srt

Formal Pedagogical Training

- Teaching Statistics: From Theory to Practice 2024
 - A 1-credit course on teaching statistics and data analytics.
- Program for the Advancement of Classroom Excellence (PACE) 2024
 - A teacher-training initiative aimed at improving the pedagogic abilities of Ph.D. candidates through formal pedagogical training, in-class observations, and mentorship.
- Teaching in Higher Education 2023
 - A 3-credit course from the “Preparing Future Faculty Program” on becoming a responsive and reflective teacher.

Teaching Assistant

- Supply Chain and Operations (*Executive MBA*) 2022, 2023
- Big Data Analytics in Supply Chains (*MS / MBA*) 2023
- Supply Chain Finance (*MS / MBA*) 2022
- Operations Excellence via Lean Thinking (*MS / MBA*) 2020 - 2023
- Responsible Supply Chain Management (*MS / MBA*) 2021, 2023
- Process Improvement Methods (*MS / MBA*) 2021
- Strategic Sourcing (*MS / MBA*) 2022
- Project Management (*MS / MBA and Undergraduate*) 2020 - 2022

PROFESSIONAL EXPERIENCE

LESER GmbH & Co. KG (Germany) 2017 - 2020
Aftermarket Business Development Manager

- Conducted maintenance training, developed service offerings, and optimized spare part inventories for customers in Europe, Asia, the Middle East, and North America.

Volvo Construction Equipment (Sweden) 2016 - 2017
Six Sigma Black Belt

- Optimized Volvo's spare part inventory as part of my Six Sigma black belt certification.

TEDx Gothenburg (Sweden) 2016 - 2017
Management Team Member

- Volunteer work where I was responsible for process development and recruiting as part of the management team.

LESER GmbH & Co. KG (Germany) 2011 - 2017
Trainee

- Completed a dual course of study, which means that I alternated between 10-week blocks of academic coursework and full-time work in different departments (e.g., Quality, R&D, Sales).
- Could directly apply theoretical knowledge in practice while gaining extensive professional experience at one of the world's largest safety valve producers.

REFERENCE

Rachna Shah (Advisor)

Professor, Supply Chain and Operations

Carlson School of Management

University of Minnesota, Twin Cities, USA

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Anant Mishra (Committee Member)

Andrew Van De Ven Professorship in Supply Chain

Carlson School of Management

University of Minnesota, Twin Cities, USA

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Karthik Natarajan (PhD Coordinator)

Associate Professor, Supply Chain and Operations

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APPENDIX I: SELECTED COURSEWORK - CONTENT SEMINAR COURSES

Research in Operations Strategy (Rachna Shah)

Examines the role of operations management in manufacturing and service organizations, focusing on theoretical, empirical, and econometric research paradigms. Topics include operations strategy, focus, trade-offs and cumulative capabilities, inventory/slack, efficiency, flexibility, and lean and green operations.

Management of Technology Operations (Kingshuk Sinha)

Explores research on managing technological operations in manufacturing and service supply chains. Topics covered include technology strategy, development, innovation implementation, justification, and evaluation.

Behavioral Operations (Karen Donohue)

Introduces the field of behavioral operations with an emphasis on behavioral theories in economics, sociology, and psychology. Topics include queuing systems, individual decision-making, sequential decisions and learning, the Bullwhip effect, demand forecasting, buyer-supplier games, trust and information sharing, risk management, and consumer behavior.

Retail Operations (Necati Ertekin)

Provides an in-depth overview of research in retail operations and methods. Covers innovative solutions to enhance retail operations and customer relationship management, including forecasting, inventory management, assortment planning, store labor, execution, consumer returns, omnichannel retailing, and innovative practices.

Supply Chain Management (Karthik Natarajan)

Focuses on foundational tools and techniques to model and analyze business problems in supply chain management. Introduces basic theoretical models, related quantitative methods, and reviews classic and recent research articles demonstrating the modeling and analysis of various supply chain topics.

Sustainable and Socially-Responsible Operations (Natalie Huang)

Explores the role of operations in promoting sustainable business practices. Discusses how operations research advances sustainability through closed-loop supply chain design, environmental performance evaluation, regulatory formulation, innovative business models, and addressing social and humanitarian issues.

Innovative Operations (Anant Mishra)

Discusses recent research on the digitization of supply chains, growth of technology platforms, and technological advances such as sharing economy platforms, the Internet of Things, blockchain, and additive manufacturing.

Organization Theory (Mary Benner)

Familiarizes students with key perspectives in organizational research. Covers theoretical and empirical papers from various organizational schools of thought, including institutional theory, contingency theory, organizational ecology and evolution, and resource dependence and power. Aims to develop skills to evaluate and contribute to the field.

Strategy (Aseem Kaul)

Strategic management studies how firms achieve and sustain economic profits and performance. Introduces the fundamentals of strategy, discussing the origins of the field and central theories such as transaction-cost economics, resource-based view, dynamic capabilities, and attention-based view.

APPENDIX II: SELECTED COURSEWORK - RESEARCH METHODS COURSES

Analytical Models for Operations Management (Hailong Cui)

Provides a foundational introduction to analytical models widely used in operations management, including optimization, game theory, and queuing theory. Discusses emerging applications in supply chain, sustainable operations, retail, service, online platforms, and machine learning.

Theory of Statistics I & II (Charles Geyer & Tiefeng Jiang)

Covers the logical development of probability and basic issues in statistics. Topics include probability spaces, random variables, their distributions, expected values, the law of large numbers, central limit theorem, generating functions, and multivariate normal distribution.

Econometric Analysis I & II (Joe Ritter)

Focuses on classical econometric theory, regression analysis, and inference. Includes linear algebra, mathematical derivation of assumptions, and addressing violations such as heteroscedasticity, endogeneity, and autocorrelation. Extensive use of R.

Econometric Analysis III & IV (Paul Glewwe & Marc Bellemare)

Explores advanced econometric techniques including instrumental variables, simultaneous equation modeling, bootstrap methods, limited dependent variable models, density estimation, time series analysis, and hazard modeling. Extensive use of STATA.

Applied Policy Analysis (Janna Johnson)

Examines common econometric methods used to evaluate programs and policies. Topics include instrumental variables, advanced difference-in-differences, and regression discontinuity design. Discusses the advantages and disadvantages of each method in identifying causal effects and their real-world applicability. Extensive use of STATA.

Applied Empirical Methods (Evan Rawley)

Covers approaches to causal inference commonly used in strategic management and entrepreneurship research. Focuses on the validity of independent and dependent measures and econometric approaches to implementing various research designs.

Applied Economics (Joel Waldfogel)

Teaches how to effectively articulate and answer empirical questions using contemporary causal inference methods such as OLS regressions, natural experiments, instrumental variables, panel data, and regression discontinuity approaches. Addresses the growing importance of data acquisition and web data harvesting in empirical social science and industrial economics research.

Engaged Scholarship - Theory Building (Andy Van de Ven)

Introduces the Engaged Scholarship Diamond Model to guide important research phases, including problem formulation, conceptual modeling, theory building, and research design.