

# Vibhuti Dhingra

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[Google scholar](#)

## EMPLOYMENT

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<b>Schulich School of Business, York University</b>	Toronto, ON
Assistant Professor, Operations Management & Informations Systems	2021 –
<i>Tenure clock extension for 2021-22 due to Covid-19</i>	
Faculty Associate, George Weston Ltd. Centre for Sustainable Supply Chains	2022 –
<b>Indian Institute of Management Ahmedabad</b>	Gujarat, India
Research Associate, Production & Quantitative Methods	2013-2015

## EDUCATION

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<b>Sauder School of Business, University of British Columbia</b>	Vancouver, BC
Ph.D. Management Science	2015-2021
<b>Hindu College, University of Delhi</b>	Delhi, India
M.Sc. Operational Research	2011-2013
B.A. (Hons) Mathematics	2008-2011

## RESEARCH INTERESTS

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Supply Chain Risk, Project Management, Operations-Finance Interface, Public Sector Operations

## RESEARCH

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### *Refereed Journal Articles*

1. [Managing Reputation Risk in Supply Chains: The Role of Risk-sharing under Limited Liability](#),  
Vibhuti Dhingra and Harish Krishnan  
**Management Science**, 67(8): 4845-4862, 2021
2. [Solving Semi-open Queuing Networks with Time-varying Arrivals: An Application in Container Terminal Landside Operations](#),  
Vibhuti Dhingra, Govind Kumawat, Debjit Roy, and René de Koster  
**European Journal of Operational Research**, 267(3): 855-876, 2018

3. [A Cooperative Quay Crane-based Stochastic Model to Estimate Vessel Handling Time](#), Vibhuti Dhingra, Debjit Roy, and René de Koster  
**Flexible Services and Manufacturing Journal**, 29(1): 97-124, 2017
4. [Modeling Emergency Evacuation with Time and Resource Constraints: A Case Study from Gujarat](#), Vibhuti Dhingra and Debjit Roy  
**Socio-Economic Planning Sciences**, 51: 23-33, 2015

#### *Working Papers*

5. [Project Networks and Reallocation Externalities](#), Vibhuti Dhingra, Harish Krishnan, and Juan Serpa  
**Major Revision at Management Science**
  - Selected for MSOM Supply Chain SIG conference 2022
  - Selected for ACM conference on Equity and Access in Algorithms, Mechanisms, and Optimization 2021 (peer-reviewed)
6. [The Effect of Expedited Payments on Project Delays: Evidence from QuickPay Reform](#), Vibhuti Dhingra, Volodymyr Babich, Harish Krishnan, and Jie Ning
7. [Are Chief Sustainability Officers Guardians of Environmental Justice? An Empirical Evaluation](#), Finn Petersen, Vibhuti Dhingra, and Rachna Shah
  - Selected for MSOM Sustainable Operations SIG conference 2024
  - Selected for AOM best paper proceedings 2024 (top 10% of submissions)
  - Selected for flash presentation at 2024 Early Career Sustainable Operations Workshop (invitation declined)

#### *Work in progress*

8. **Responsible Operations in the Mining Sector: Do Penalties Improve Safety?**, with Anna Sáez de Tejada Cuenca
9. **Supply Network Formation under Reputation Risk**, with Kashish Arora and Sripad Devalkar

#### *Book Chapter*

[A Two-level Stochastic Model to Estimate Vessel Throughput Time](#),  
Debjit Roy, Vibhuti Dhingra, and René de Koster  
**Progress in Material Handling Research: 2014**, Material Handling Institute, Charlotte, NC.

Underline denotes student co-author.

## RESEARCH GRANTS

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Schulich School of Business Startup Grant (2021-2024) – \$90,000

Junior Faculty Fund, York University (2023) – \$815

## INVITED SEMINARS AND PRESENTATIONS

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- Responsible Operations in the Mining Sector: Do Penalties Improve Safety?
  - POMS Annual Conference, Minneapolis, MN 2024
  - MSOM Annual Conference, Minneapolis, MN<sup>†,\*</sup> 2024
- Are Chief Sustainability Officers Guardians of Environmental Justice? An Empirical Evaluation
  - MSOM Sustainable Operations SIG conference, Minneapolis, MN<sup>†,\*</sup> 2024
  - Academy of Management meeting, Chicago, IL<sup>\*,†</sup> 2024
  - POMS Annual Conference, Minneapolis, MN<sup>\*</sup> 2024
  - EurOMA Sustainability Forum, Barcelona, Spain<sup>\*,†</sup> 2024
  - EurOMA Annual Conference, Barcelona, Spain<sup>\*,†</sup> 2024
  - INFORMS Annual Meeting, Phoenix, AZ<sup>\*</sup> 2023
- The Effect of Expedited Payments on Project Delays: Evidence from QuickPay Reform
  - MSOM Annual Conference, Minneapolis, MN<sup>†,\*</sup> 2024
  - POMS Annual Conference, Minneapolis, MN 2024
  - Beedie School of Business, Simon Fraser University 2023
  - MSOM Annual Conference, Montreal, Canada<sup>†,\*</sup> 2023
  - Rotman Young Scholars Seminar, University of Toronto 2023
  - Supply Chain Research Forum at George Weston Centre, York University 2023
  - POMS Annual Conference, Orlando, FL 2023
  - INFORMS Annual Meeting, Indianapolis, IN 2022
  - POMS Annual Conference, Orlando, FL 2022
  - CORS/INFORMS International Meeting, Vancouver, Canada 2022
  - INFORMS Annual Meeting, Seattle, WA<sup>\*</sup> 2021
- Project Networks and Reallocation Externalities
  - MSOM Annual Conference, Montreal, Canada<sup>†</sup> 2023
  - Rotman Young Scholars Seminar, University of Toronto<sup>\*</sup> 2023
  - POMS Annual Conference, Orlando, FL 2023

- Indian School of Business Hyderabad, India 2022
  - MSOM Supply Chain SIG conference, Munich, Germany<sup>\*,†</sup> 2022
  - CORS/INFORMS International Meeting, Vancouver, Canada 2022
  - Poster presentation at ACM conference on EAAMO<sup>†</sup> 2021
  - Kellogg-Wharton OM Workshop, Virtual 2020
  - INFORMS Annual Meeting, Seattle, WA 2021
  - INFORMS Annual Meeting, Virtual 2020
  - INFORMS Annual Meeting, Seattle, WA 2019
  - OPLOG Division Seminar, UBC Sauder School of Business 2020
- Job talks:*
- Ivey Business School, University of Western Ontario 2021
  - Kenan-Flagler Business School, University of North Carolina at Chapel Hill 2021
  - Rady School of Management, University of California San Diego 2021
  - Imperial College Business School 2021
  - Schulich School of Business, York University 2021
  - Lazaridis School of Business and Economics, Wilfrid Laurier University 2021
  - Haskayne School of Business, University of Calgary 2021
  - Cass Business School, City University of London 2020
  - Mendoza College of Business, University of Notre Dame 2020
- Managing Reputation Risk in Supply Chains: The Role of a Risk-sharing Contract
    - POMS Annual Conference, Washington DC 2019
    - OPLOG Division Seminar, UBC Sauder School of Business 2019
    - INFORMS Annual Meeting, Phoenix, AZ 2018
    - MSOM Annual Conference, Dallas, TX<sup>†</sup> 2018
    - POMS Annual Conference, Seattle, WA 2017

*\*presented by co-author, †peer-reviewed*

## TEACHING AND MENTORSHIP

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### Schulich School of Business, York University

Toronto, ON

- MGMT 4700/OMIS 3750: Project Management (Undergraduate) Winter 2022, 2023
  - Revised the course curriculum with modern theory and tools associated with the discipline
  - Course-coordinator for all undergraduate and graduate sections with 200+ students
  - Median evaluations:
    - \* Winter 2023: 7/7 and 7/7

- \* Winter 2022: 6/7 and 7/7
  - OMIS 7013: Emerging Topics in OM (PhD) Fall 2022
    - One session on Network Effects in OM
  - OMIS 7100: Foundations I (PhD) Fall 2021
    - Two sessions on Revenue Management
- Sauder School of Business, University of British Columbia** Vancouver, BC
- **Instructor**, Logistics and Operations Management Summer 2018
    - Recognized by the **UBC Killam Graduate Teaching Assistant Award**
      - \* University-wide award for teaching excellence
    - Core undergraduate course in Operations Management
  - **Project Mentor** Summer 2020-21
    - Involved in the development of a cloud-based experiential learning resource for Business Analytics students and professionals
    - Mentor graduate students in business analytics on using computational tools; such as Python, R, version control, and command line interface; for solving real business problems
    - Our goal is to create an open source platform that demonstrates application of core business analytics concepts (such as optimization and simulation) to real datasets
  - **Guest Lecturer**
    - Supply Chain Analytics (MBA course) Winter 2019
      - \* Gave a talk on data-driven methods for supply chain management
    - Math Review for Master of Business Analytics (MBAN) Program Fall 2018
      - \* Taught two introductory math review sessions
    - Logistics and Operations Management Fall 2018
      - \* Taught case studies and problem solving sessions
  - **Teaching Assistant**
    - Analytics Leadership (MBAN course) Summer 2021
    - Process Fundamentals (MBA and MBAN course) Summer 2019, Winter 2021
    - Supply Chain Strategy and Analytics (MBA course) Fall 2020
    - Supply Chain Management (MBA and MBAN course) Winter 2018

## HONORS AND AWARDS

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- Selected to attend the POMS Emerging Scholar Program (2023)
- Selected to attend the INFORMS New Faculty Colloquium (2021)
- POMS College of Sustainable Operations PhD Student Travel Award (2019)
- UBC Killam Graduate Teaching Assistant Award (2019)
- Shelby L. Brumelle Memorial Graduate Scholarship, UBC (2019)
- Edward and Miriam Graduate Scholarship, UBC (2015)
- Dean Earle E. MacPhee Memorial Fellowship in Commerce and Business Administration, UBC (2015)
- Sauder School of Business Graduate Award, UBC (2015, 2016)
- International Tuition Award, UBC (2015, 2016)

## SERVICE

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### *Internal:*

- Area representative, Student Affairs Committee (2023-24)
- Course coordinator for all graduate and undergraduate sections of the Project Management course with 200+ students
- Redesigned the undergraduate Project Management course curriculum
- OMIS seminar series
  - Organizing committee member (2021-24) and Chair (2022-23)
- Faculty advisor, Strategy Field Study, MBA program

### *External:*

- Reviewer for *Management Science*, *Production and Operations Management*, and *Manufacturing and Service Operations Management*
- Referee for MSOM conference (2023), MSOM SIG conference (2022, 2024)
- Reviewer for Research Grants Council (RGC) of Hong Kong
- Session chair at INFORMS Annual conference (2024)
- Session chair (×2) at POMS Annual conference (2024)
  - Supply Chain Management session

- Product Innovation and Technology Management session
- Session chair (×2) at INFORMS Annual Conference (2023)
  - MSOM Sustainable Operations session
  - Public Sector OR session
- Session chair at POMS Annual Conference (2023)
- Session chair (×2) at CORS/INFORMS International conference (2022)
  - MSOM Supply Chain SIG session
  - Market Design session
- Session chair (×2) at INFORMS Annual conference 2022
  - iFORM session
  - Public Sector OR session

## SKILLS

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*Computing:* Python, R, Git, HTML/CSS, Matlab, Mathematica, C++, Java, SQL, Unix Shell scripting

*Languages:* English (fluent), Hindi (native)