

# Vibhuti Dhingra

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## EMPLOYMENT

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<b>Schulich School of Business, York University</b>	Toronto, ON
Assistant Professor, Operations Management & Informations Systems	2021 –
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

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### *Working Papers*

- (1) [Project Networks and Reallocation Externalities](#),  
Vibhuti Dhingra, Harish Krishnan, and Juan Serpa  
*Under review at Management Science*
  - Selected to MSOM Supply Chain SIG conference 2022
  - Selected to ACM conference on Equity and Access in Algorithms, Mechanisms, and Optimization 2021
- (2) **The Effect of Expedited Payments on Project Delays: Evidence from QuickPay Reform**,  
Vibhuti Dhingra, Volodymyr Babich, Harish Krishnan, and Jie Ning

### *Journal Articles*

- (3) [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

- (4) [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
- (5) [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
- (6) [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

#### *Book Chapter*

- (1) [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.

## TEACHING AND MENTORSHIP

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### Schulich School of Business, York University

Toronto, ON

- Project Management (Undergraduate) Winter 2022
  - Evaluations: 6.62 and 6.32 (out of 7)
  - Revised the course curriculum with modern theory and tools associated with the discipline
  - Course-coordinator for all undergraduate and graduate sections with 200+ students
- PhD Seminar in Operations Management Fall 2021
  - Co-taught with OMIS area faculty

### 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 (Class size: 60)
- **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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- 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)

## PRESENTATIONS

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- The Effect of Expedited Payments on Project Delays: Evidence from QuickPay Reform
  - CORS/INFORMS International Meeting (2022)
  - POMS Annual Conference (2022)
- Project Networks and Reallocation Externalities
  - CORS/INFORMS International Meeting (2022)

- Poster presentation at ACM conference on Equity and Access in Algorithms, Mechanisms, and Optimization 2021 (peer-reviewed)
- Kellogg-Wharton OM Workshop (2020)
- INFORMS Annual Meeting (2019, 2020, 2021)
- 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
  - INFORMS Annual Meeting (2018)
  - MSOM Annual Conference (2018)
  - POMS Annual Conference (2017, 2019)
  - OPLOG Division Seminar, UBC Sauder School of Business (2019)

*(Papers were presented under different titles at some talks)*

## SERVICE

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*Internal:*

- Course coordinator for all graduate and undergraduate sections of the Project Management course with 200+ students
- Redesigned the undergraduate Project Management course curriculum
- Organizing committee member for the OMIS seminar series
- Faculty advisor, Strategy Field Study, MBA program

*External:*

- Referee for Production and Operations Management
- Referee for MSOM Supply Chain SIG conference (2022)
- Session chair (×2) at CORS/INFORMS International conference 2022
  - MSOM Supply Chain SIG session
  - Market Design 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)