

Vibhuti Dhingra

Sauder School of Business,
University of British Columbia
2053 Main Mall,
Vancouver, BC V6T 1Z2

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✉ vibhuti.dhingra@sauder.ubc.ca
🌐 <https://vibhutidhingra.com>

EDUCATION

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

RESEARCH INTERESTS

Supply chains (risk management and finance), Public sector operations, Empirical operations, Data analytics, Incentive problems

RESEARCH

Accepted and Working papers

- (1) [Managing Reputation Risk in Supply Chains: The Role of Risk-sharing under Limited Liability](#),
Vibhuti Dhingra and Harish Krishnan
Management Science, Forthcoming
- (2) **Delays in Project Supply Chains: A Global Network Perspective**,
Vibhuti Dhingra, Harish Krishnan, and Juan Serpa
– In preparation for submission to *Management Science*
– Draft available upon request
- (3) **The Effect of Expedited Payments on Project Delays: Evidence from QuickPay Reform**,
Vibhuti Dhingra, Volodymyr Babich, Harish Krishnan, and Jie Ning
– In preparation for submission to *Management Science*

Journal Articles

- (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

- 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)
 - Overall instructor effectiveness: 4.2/5
 - **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, and version control systems; 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
 - * Instructor: Prof. Harish Krishnan
 - 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

* Instructors: Prof. Tom McCormick and Prof. Tim Huh

- **Teaching Assistant**

- Supply Chain Strategy and Analytics (MBA course) Fall 2020
 - * Instructor: Prof. Harish Krishnan
 - * Course delivered online

- **Marker**

- Process Analysis (MBA course) Summer 2019
 - * Instructor: Prof. Harish Krishnan
- Supply Chain Management (MBA and MBAN course) Winter 2018
 - * Instructor: Prof. Harish Krishnan

HONORS AND AWARDS

- 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

- Delays in Project Supply Chains: A Global Network Perspective
 - INFORMS Annual Meeting (2019, 2020)
 - Kellogg-Wharton OM Workshop (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.)

ACADEMIC APPOINTMENTS

Sauder School of Business, University of British Columbia
Graduate Research Assistant,
Operations and Logistics Division

Vancouver, BC
2016-Present

Indian Institute of Management Ahmedabad
Research Associate,
Production and Quantitative Methods Area

Gujarat, India
2013-2015

OTHER

Computing skills: Python, R, Git, HTML/CSS, Matlab, Mathematica, C++, Java, SQL

Languages: English (fluent), Hindi (native), French (beginner)

Work authorization: Permanent resident of Canada, Indian citizen

REFERENCES

Harish Krishnan

Professor,
Operations and Logistics Division
Sauder School of Business,
University of British Columbia, Canada
☎ +1 604-822-8394
✉ harish.krishnan@sauder.ubc.ca

Volodymyr Babich

Professor,
Operations and Information Management
McDonough School of Business,
Georgetown University, USA
☎ +1 202-687-4782
✉ Volodymyr.Babich@georgetown.edu

Mahesh Nagarajan

Professor,
Operations and Logistics Division
Senior Associate Dean, Research
Sauder School of Business,
University of British Columbia, Canada
☎ +1 604-822-8360
✉ mahesh.nagarajan@sauder.ubc.ca

Tim Huh

Professor and Chair,
Operations and Logistics Division,
Canada Research Chair in Operations
Excellence and Business Analytics,
Sauder School of Business,
University of British Columbia, Canada
☎ +1 604-822-0410
✉ tim.huh@sauder.ubc.ca