

Curriculum Vitae - October, 2023
Dr. Vaarun Vijairaghavan

Haskayne School of Business
University of Calgary
SH 248, 2500 University Dr NW
Calgary, Alberta, Canada T2N1N4

Phone: (403) 220-3732
Email: vvijaira@ucalgary.ca

ACADEMIC APPOINTMENTS

Haskayne School of Business, University of Calgary

Assistant Professor, Business Technology Management Jul 2021 - Present
Instructor (Full-time Faculty), Management Information Systems Aug 2014 - Sep 2016

EDUCATION

Doctor of Philosophy (Ph.D.)

Jul 2021

University of Calgary, Calgary, Alberta, Canada

Major - Business Technology Management

Minor - Accounting

Thesis Title - How Should Information Technology be Regulated?

Supervisor - Dr. Barrie R. Nault

Master of Business Administration

Apr 2009

Schulich School of Business, York University, Toronto, Ontario

Major - Management Consulting

Bachelor of Engineering

May 2003

University of Pune, Pune, Maharashtra, India

Major - Computer Engineering

RESEARCH INTERESTS

Economics of Information Systems, Economics of Data Portability, Incentives and Investments in Networks, Platforms, IT Productivity

DISSERTATION

Vijairaghavan, V. How Should Information Technology be Regulated? University of Calgary, Doctoral Thesis (2021). Available at <https://prism.ucalgary.ca/items/1dc41955-b901-4588-84c6-950ce08c4ff6>

WORKING PAPERS AND WORKS IN PROGRESS

Vijairaghavan, V., Hidaji, H., and Nault, B.R. Regulation of Data Portability Through Fines and Investments. Preparing for third round submission (revise and resubmit) at *Management Science*. (October 2023)

Vijairaghavan, V., and Nault, B.R. Intermediated Platforms and Firm Investments. Working paper (June 2023).

Vijairaghavan, V., Nault, B.R., and Kupfer, A. Energy Productivity Implications of IT Investments. Working Paper (June 2023).

Vijairaghavan, V., Kundisch, D., and Zimmermann, S. When Should Firms Delist from a Dominant Gatekeeper Platform? Working paper (June 2023).

Fereidouni, M., and Vijairaghavan, V. Fair Play for Fair Pay: Fighting Digital Piracy through Revenue Sharing. Work in progress. (April 2023).

Jafri, R., and Vijairaghavan, V. Information Technology and Accruals. Work in progress (October 2023).

Vijairaghavan, V., and Nault, B.R. IT and Firm Costs. Work in progress (April 2020).

CONFERENCE PAPERS AND PRESENTATIONS

Fereidouni, M., and Vijairaghavan, V. Fair Play for Fair Pay: Fighting Digital Piracy through Revenue Sharing. Conditionally accepted at *The Proceedings of the International Conference on Information Systems (ICIS), Hyderabad, India*, December 2023. (refereed)

Jafri, R., and Vijairaghavan, V. Information Technology and Accruals. Forthcoming at *The INFORMS Annual Meeting, Phoenix, AZ*, October, 2023. (invited)

Vijairaghavan, V. How Should Information Technology be Regulated? *International Conference on Information Systems (ICIS) Doctoral Consortium*, online, December 2020. (refereed)

Vijairaghavan, V. Intermediated Platforms and Firm Investments. *University of California, Merced*, September 2020. (invited talk)

Vijairaghavan, V. Winner Take All with Data Portability. *University of Calgary, Industry Advisory Committee (IAC)*, April 2020. (invited talk)

Vijairaghavan, V., Nault, B.R., and Hidaji, H. Winner Take All with Data Portability. *Workshop on Information Systems and Economics (WISE)*, Munich, Germany, December 2019. (refereed)

Vijairaghavan, V., and Nault, B.R. Smart Grids: Incentivizing Growth and Investment in Demand Response *Proceedings of the INFORMS Conference on Information Systems and Technology (CIST)*, Seattle WA, October 2019. (refereed)

Vijairaghavan, V., and Nault, B.R. IT and Firm Costs. *INFORMS Annual Meeting*, Seattle WA, October 2019 (invited)

Vijairaghavan, V., and Nault, B.R. Smart Grids: Incentivizing Growth and Investment in Demand Response. *Proceedings of the 2018 Conference on the Digital Economy (CODE)*, Puducherry, India, December 2018 (refereed)

POST-GRADUATE STUDENT SUPERVISION

Meysam Fereidouni, Post-Doctoral Student Co-Supervisor (With Dr. Barrie Nault) Fall 2023 - Present

PHD STUDENT EXAMINATION

Ean Tsou, Ph.D. Field of Study Exam Committee Winter 2023

GRANTS, SCHOLARSHIPS AND AWARDS

SSHRC Insight Development Grant (PI) on "Improving Energy Productivity through Information Technology" (C\$65,400) with B.R. Nault, *Social Sciences and Humanities Research Council of Canada*. 2023 -2025
Vice-President Research (VPR) Catalyst Grant (PI) "Fighting Digital Piracy Without Policymaker Intervention" (C\$11,600) University of Calgary 2023
SSHRC Insight Grant (Co-I) "Impact of data portability on competition, privacy, and welfare" (C\$122,500)

with H. Hidaji (PI) and B.R. Nault, <i>Social Sciences and Humanities Research Council of Canada.</i>	2022-2027
University of Calgary Startup Grant (C\$45,000), University of Calgary	2021-2024
Dean's Doctoral Scholarship (Open Scholarship Competition, C\$15,000), University of Calgary	2020-2021
Alberta Graduate Excellence Scholarship (AGES) (C\$15,000), University of Calgary	2019-2020
Paramount Resources Ltd Graduate Scholarship (C\$6,000), University of Calgary	2019-2020
International Student Merit Scholarship (C\$5,000), York University	2007
Best of IBM Award, IBM Software Labs	2005
IBM Subject Matter Expert on Communication	2005
Best of IBM Award (Most Valuable Trainer), IBM Software Labs	2004

OTHER PUBLICATIONS

Vijairaghavan, V., Shah, D., Galgali, P., Shah, A., Shah, N., Srinivasan, V., and Bhatia, L. (2007). Marking technique to isolate boundary router and attacker. Computer, 40(2), 54-58.

Katiyar, M., & *Vijairaghavan, V. (2007). Isolate and resolve memory leaks using MALLOCDEBUG on AIX Version 5.3. IBM Developerworks. <https://www.ibm.com/developerworks/aix/library/au-mallocdebug.html>*

PROFESSIONAL EXPERIENCE

Product Marketing Manager, Smart Technologies Feb 2011 - May 2014
Calgary, Alberta, Canada.

Led global launch of new \$6M productivity solutions targeted at Fortune 500 customers. Worked closely with senior management to build product roadmaps, plans for outbound logistics, and a plan to move to a subscription based revenue stream

Sessional Lecturer, Management Information Systems 2013, 2014, 2020
Haskayne School of Business, University of Calgary, Calgary, Alberta, Canada.

Taught Data Analytics I (Gathering, Wrangling and Analyzing Data in R, with an Introduction to Machine Learning) in Fall 2020 with a mean USRI across categories of 6.38/7, and core MIS courses in 2013 and 2014.

Consultant, Nulli Secundus Inc May 2009 - Oct 2010
Calgary, Alberta, Canada.

Provided system integration, enterprise architecture, and information security services for healthcare and government organizations, with a focus on access control and identity management

Marketing Research Intern, Autodesk Inc Jul 2007 - Jul 2008
Toronto, Ontario, Canada.

Developed the business case for EcoViz, a new product concept that enables a designer to visualize the impact of design decisions on sustainability. Provided insights to help inform firm investment decisions early in the software development lifecycle

Product Development Analyst, IBM Software Labs Jul 2003 - Dec 2006
Pittsburgh, PA, U.S.A; Pune, Maharashtra, India.

Identified customer requirements in order to guide software product development. Developed code for bi-annual releases to IBM's Distributed Computing Environment (DCE), a legacy middleware product. Conducted corporate training on technical subjects through IBM's Centre for Competency. Promoted and managed inter-department knowledge sharing with the goal of generating intellectual property

COURSE DESIGN (UNIVERSITY OF CALGARY)

Business Technology Management - MBA Program Core Course (BTMA 601) Fall 2021
IT for Value Innovation - MMgt Program Core Course (BTMA 674) Winter 2023

COURSES TAUGHT (UNIVERSITY OF CALGARY)

<i>Business Technology Management - MBA Program Core Course (BTMA 601)</i> Mean Teaching Ratings : 6.32/7; Mean Class Size: 47; Sections Taught: 3	2021 - current
<i>IT for Value Innovation - MMgt Program Core Course (BTMA 674)</i> Mean Class Size: 37; Sections Taught: 2	2022 - current
<i>Data Analytics I - BComm Elective Course (BTMA 431, Online Delivery)</i> Content: Gathering, Wrangling and Analyzing Data in R Teaching Ratings (mean across categories): 6.38/7; Class Size: 39; Sections Taught: 3	2020 - 2022
<i>Introduction to Management Information Systems - MBA Program Core Course (MGIS 601)</i> Teaching Ratings (mean across categories): 6.16/7; Mean Class Size: 43; Sections Taught: 6	2014 - 2016
<i>Introduction to Management Information Systems - BCom Core Course (MGIS 317)</i> Teaching Ratings (mean across categories): 5.77/7; Mean Class Size: 52; Sections Taught: 9	2012 - 2016
<i>Information Systems in Business - BCom course (MGIS 321)</i> Teaching Ratings (mean across categories): 5.91/7; Mean Class Size: 41; Sections Taught: 3	2014 - 2016

SERVICE

Session Chair , "Platforms, Firms and Strategic Decisions", <i>INFORMS Annual Meeting, Phoenix, AZ</i>	2023
Member , <i>Program Committee, Conference on Information Systems and Technology (CIST), Phoenix, AZ</i>	2023
Member , <i>Program Committee, Conference on Information Systems and Technology (CIST), Indianapolis</i>	2022
Reviewer , <i>Management Science</i>	2022
Member , <i>Graduate Programs Review Committee, Haskayne School of Business</i>	Feb 2022 - Jun 2023
Academic Member , <i>BTMA Industry Advisory Council, Haskayne School of Business</i>	Jul 2021 - Present
Reviewer , <i>Information Systems Research</i>	2021
Reviewer , <i>Information Technology and Management</i>	2021
Panel Discussant , <i>Doctoral Association for Students of Haskayne (D.A.S.H), University of Calgary</i> Topic: Course Selection for New Ph.D. Students	Sep 2019
Guest speaker , <i>Doctoral Association for Students of Haskayne (D.A.S.H), University of Calgary</i> Topic: Ph.D. Field of Study Workshop	May 2019
Reviewer , <i>The 2017 International Conference on Information Systems (ICIS)</i>	2017
Course Coordinator , <i>BCom MIS Core Course (MGIS 317), Haskayne School of Business</i> Coordinated the core MIS 317 course across six sections and three instructors ensuring consistency across sections in terms of content and testing	2015
Supervisor , <i>Case Competition Graduate Team, Haskayne School of Business</i> Supervised graduate students at the Hilti Innovation Challenge 2015, entered finals in Kuala Lumpur (travel sponsored by Hilti) after multiple rounds of competition. The team won job offers from Hilti	2015

- Faculty volunteer**, *Haskayne United Way Campaign Committee, Haskayne School of Business* 2014
- Guest lecture**, University of Pune, India 2012
Topic: Technical Skills for the Current Market

ADDITIONAL INFORMATION

Citizenship - Canada

Mountaineer with ski touring and rock climbing experience of classic routes in the Canadian Rockies

REFERENCES

Dr. Barrie R. Nault

Distinguished Research Professor
Business Technology Management (BTM)
Haskayne School of Business
University of Calgary
403-220-2742
nault@ucalgary.ca

Dr. Mark Anderson

Associate Professor, Accounting
Richard F. Haskayne Chair in Accounting
Haskayne School of Business
University of Calgary
403-220-3926
andem@ucalgary.ca