



PhD in Business Technology Management

haskayne
School of Business



Situated in the #1 most livable city in North America and #3 in the world (2022 Global Liveability Ranking, Economics Intelligence Unit) with a beautiful view of Canadian Rocky Mountains, the University of Calgary is on an ambitious journey to become one of Canada's top research-intensive universities.

Program overview

The mission of the PhD program in Business Technology Management (formerly, management information systems) at the Haskayne School of Business, University of Calgary, is to prepare prospective students for academic positions at reputable business schools in Canada and around the world. We aim to develop scholars with strong understanding of the economics of information systems and related areas of academic inquiry. Our doctoral program offers an integrative approach combining a solid foundation in economics and econometrics with cutting-edge theoretical approaches as well as quantitative methods that enable students to conduct high-value, innovative research.

Our funding package is one of the most generous among Canadian business schools. We provide \$30,000 per year for four years, \$15,000 in year 5. In addition, we pay full tuition for all PhD students. We also support each student with additional grants and scholarships and cover academic conferences to encourage students to present their research and build their networks.

Faculty and research

We have a diverse faculty committed to excellence in research and teaching. We apply economics and quantitative research methods to address issues in information systems. Our research interests include:

- Economics of information systems
- Impact of risk on information systems
- Digital Economy
- E-commerce and channels of distribution
- Platform-mediated networks
- IT and organizational design
- IT applications in healthcare
- Privacy, profiling and security
- Productivity impacts of Information technology (IT)

Our faculty members have published their research in premier and influential journals including:

- Information Systems Research
- Management Science
- MIS Quarterly
- Production and Operations Management
- Decision Support Systems
- Journal of MIS
- European Journal of Operations Research
- Journal of the Association of Information Systems

Our faculty members serve/have served on the editorial board of prominent journals such as Management Science, MIS Quarterly, Decision Sciences, Production and Operations Management, and Information Technology and Management.

Research Active Faculty Supervisors

[Barrie R. Nault](#)

Distinguished Research Professor

Area of expertise: Information Technology, Organizations and Markets, Business-to-Business Electronic Commerce, Incentives and Investments in Networks, Systems Engineering, Organizational Transformation, Management of Technology, Public Policy.



[Raymond A. Patterson](#)

Professor
BTMA Area Chair

Area of expertise: information systems, analytics, and quantitative decision and artificial intelligence technologies



[Hooman Hidaji](#)

Assistant Professor

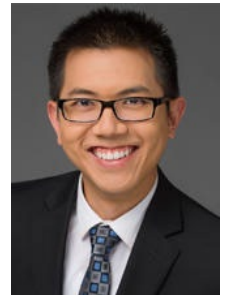
Area of expertise: economics of information systems, economics of information privacy, information systems security, ICT supply chains, and social network propagation



[Duy Dao](#)

Assistant Professor

Area of expertise: economics of information systems, economics of cybersecurity



[Jian \(Ray\) Zhang](#)

Assistant Professor

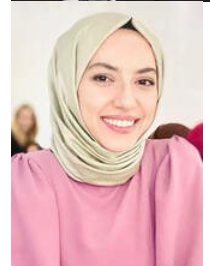
Area of expertise: Information sharing in supply chains, Dynamic pricing, Large-scale optimization



[Sule Nur Kutlu](#)

Assistant Professor

Area of expertise: Management information systems, economics of information systems, data sharing and privacy



[Vaarun Vijairaghavan](#)

Assistant Professor

Area of expertise: Economics of information systems, IT Regulation, platforms, data ownership, and data rights



For more details about our faculty and academic activities, please visit the [Haskayne BTMA Area home page](#).

In the Spotlight: Our PhD students

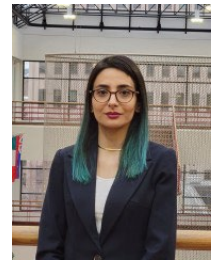
[Sanaz Kakavand](#)

Research Interests: Economics of blockchain-based games, “Move to Earn” gaming models. Currently working with Dr. Patterson.



[Afrouz Hojati](#)

Research Interests: Online platforms, content moderation, economics of information systems. Currently working with Profs Nault and Petterson.



Click below to learn more about our other PhD students.

- [Mahdi Kiaee](#)
- [Fatemeh Delkhosh](#)
- [Poulya Zaukeri Getabi](#)

Recent Student Placements

- [Meysam Fereidouni \(Simon Fraser University\)](#)
- [Ashkan Eshghi \(University of Warwick\)](#)
- [Vaarun Vijairaghavan \(University of Calgary\)](#)
- [Xueqi \(David\) Wei \(Fudan University\)](#)
- [Dawei \(David\) Zhang \(Lehigh University\)](#)
- [Fengmei Gong \(University of La Verne\)](#)

Apply today!

Deadline: December 1st

[Click to view application requirements](#)

For more information, please email phdreq@ucalgary.ca