DUY D. DAO

Haskayne School of Business
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Contact Information
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Academic Employment

- 2017 – Present, Haskayne School of Business, University of Calgary
  ◇ 2017 – Present, Assistant Professor of Business Technology Management (BTMA)

Education

- 2013 – 2017, Rady School of Management; University of California, San Diego
  ◇ Ph.D. Management, 2017
    Field: Innovation, Technology, and Operations
    Thesis: *Essays on the Role of Negative Externalities in Information Goods*
    Advisors: Prof. Terrence W. August and Prof. Hyoduk Shin

- 2007 – 2011, University of California, San Diego
  ◇ B.S. Mathematics, 2011

Publications

- Economics of Ransomware: Risk Interdependence and Large-Scale Attacks (with T. August and M. F. Niculescu), 2022, *Management Science*, **68**(12), 8979 – 9002.

- Market Segmentation and Software Security: Pricing Patching Rights (with T. August and K. Kim), 2019, *Management Science*, **65**(10), 4575 – 4597.
  ◇ Nominee for Best Student Paper, Conference on Information Systems and Technology, 2016

- Optimal Timing of Sequential Distribution: The Impact of Congestion Externalities and Day-and-Date Strategies (with T. August and H. Shin), 2015, *Marketing Science*, **34**(5), 755 – 774.

Work In Progress or Under Review

- The Impact of Cryptocurrency on Cybersecurity (with T. August, K. Kim, and M. F. Niculescu).

- Investing in Cybersecurity in the Presence of Competition and Strategic Attackers (with H. Hidaji).

- Managing Profitability Under Capacity Restrictions in the Entertainment Industry (with T. August and H. Shin).

- Provider-Firm Cybersecurity Investment Spillover: Implications for the Supply Chain (with H. Hidaji).

Awards and Honors

- Dean's Award for Innovative Research, Haskayne School of Business, University of Calgary (2022)
- Dean's Research Scholar Award, Haskayne School of Business, University of Calgary (2019)
- Rady School of Management Fellowship (2013 – 2017)
- Phi Beta Kappa Honor Society (2011)
- UC San Diego Physical Sciences Dean's Undergraduate Award for Excellence (2010)
- University of California Regents' Scholarship (2007 – 2011)

Presentations

- *Investing in Cybersecurity in the Presence of Competition and Strategic Attackers*
  - ◇ October 2023: INFORMS Annual Meeting; Phoenix, AZ
- *Managing Profitability Under Capacity Restrictions in the Entertainment Industry*
  - ◇ October 2022: University of California, Merced
- *Economics of Ransomware: Risk Interdependence and Large-Scale Attacks*
  - ◇ October 2019: INFORMS Annual Meeting; Seattle, WA
  - ◇ June 2019: Workshop on the Economics of Information Security (WEIS); Boston, MA
  - ◇ November 2018: Conference on Information Systems and Technology (CIST); Phoenix, AZ
  - ◇ December 2017: Workshop on Information Systems and Economics (WISE); Seoul, Korea
- *Market Segmentation and Software Security: Pricing Patching Rights*
  - ◇ March 2018: Theory in Economics of Information Systems (TEIS) Showcase; San Diego, CA
  - ◇ January 2017: Haskayne School of Business, University of Calgary
  - ◇ November 2016: INFORMS Annual Meeting; Nashville, TN
  - ◇ November 2016: Conference on Information Systems and Technology (CIST); Nashville, TN
  - ◇ June 2016: Workshop on the Economics of Information Security (WEIS); Berkeley, CA
- *Optimal Timing of Sequential Distribution: The Impact of Congestion Externalities and Day-and-Date Strategies*
  - ◇ October 2013: INFORMS Annual Meeting; Minneapolis, MN

Teaching Experience

- Instructor
  - ◇ Graduate diploma in Data Science and Analytics (with Business Analytics specialization) core: *Introductory Data Analytics* (Winter 2019 – 2023)
  - ◇ Graduate certificate in Business Intelligence and Data Analytics core and MBA specialization on Management Analytics core: *Data Analytics I* (Fall 2017 – 2021, Fall 2023)
  - ◇ Business Analytics undergraduate concentration core: *Gathering, Wrangling and Analyzing Data in R* (Fall 2017 – 2019, Winter 2023, Fall 2023)
  - ◇ Undergraduate core: *Business Technology Management* (Winter 2018, Fall 2018)
- Course Coordinator
  - ◇ Business Analytics undergraduate concentration core: *Gathering, Wrangling and Analyzing Data in R* (Fall 2020 – 2021, Winter 2023)

Doctoral Committees

- Pouria Zaukeri Getabi, Advisor (2023 – Present)
- Xiaoying Wang, Neutral Chair of Field of Study Exam, Haskayne School of Business (2021)
- Philip Piercey, Neutral Chair of Field of Study Exam, Haskayne School of Business (2021)
- Amin Aslani, Internal Examiner of Field of Study Exam, Haskayne School of Business (2020)
- Meysam Fereidouni, Supervisory Committee member, Haskayne School of Business (2020 – Present)
- Vaarun Vijairaghavan, Supervisory Committee member, Haskayne School of Business (2018 – 2021)

Professional Service

- Conferences/Workshops – Program Committee Member
    ⋄ MSOM 2020 (Cancelled due to COVID-19)
- Conferences/Workshops – Session Chair
    ⋄ WISE 2018 (Session: Gamification)
- Conferences/Workshops – Discussant
    ⋄ WISE 2018 (Session: Gamification)
- Conferences/Workshops – Coordinator
    ⋄ WEIS 2017
- Haskayne New Faculty Orientation Committee Member (2018, 2020)
- Haskayne Undergraduate Review Committee Member (2019 – 2022)
- Haskayne BComm (Bachelor of Commerce) Review Committee Member (2020 – 2022)
- Haskayne Research Committee (2023 – Present)
- Haskayne Golden Bull (Employee Engagement) Committee (2023 – Present)
- BTMA Area Seminar Series Organizer (2019 – 2022)
- Referee for *Management Science*, *Information Systems Research*, *Management Information Systems Quarterly*, *Production and Operations Management*, *Information Technology and Management*, International Conference on Information Systems (2018 – 2020, 2023), Conference on Information Systems and Technology (2019 – 2023)
- Associate Editor for *Information Technology and Management* (2020 – Present)

Media Mentions

- *"Ransomware spreads among unprotected populations but product pricing may help prevent proliferation"*, UCalgary News, April 2022.
- *"Online Assessment in Higher Education"*, Taylor Institute for Teaching and Learning, October 2019.

Professional Development

- IT Teaching Workshop (2017 – 2019, 2021 – 2022)
- Haskayne School of Business Instructional Skills Workshop (2018)
- International Conference on Information Systems' Junior Faculty Consortium (2017)