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I. Academic Qualifications and Positions

- 2019- **Assistant Professor** Management Information Systems Department, Fox School of Business, Temple University
- 2016-19 **Assistant Professor** Management Science and Information Systems Department, Spears School of Business, Oklahoma State University
- 2011-16 **Ph.D.** Sam M. Walton College of Business, University of Arkansas, Fayetteville, AR
Concentration: Information Systems
- 2008-10 **M.Sc.** College of Business, Shahid Beheshti University, Tehran, Iran
Major: Information Management Technology
- 2004-08 **B.Sc.** Faculty of Industrial Engineering, Amirkabir University, Tehran, Iran
Major: Industrial Engineering. **Minor:** Systems Planning and Analysis

II. Research

Research Interests

- IS Strategy/Business Value of IT
- IT Entrepreneurship/Economics of IT Start-ups and CVCs
- Analytics of Unstructured Organizational Data

Journal Publications

T. Havakhor, R. Sabherwal, Z.R. Steelman, S. Sabherwal. "Relationships Between Information Technology and Other Investments: A Contingent Interaction Model," (March 2019) *Information Systems Research*, 30(1): 204-218.

Z.R. Steelman, **T. Havakhor**, R. Sabherwal, S. Sabherwal. "Performance Consequences of Information Technology Investments: Implications of Emphasizing New or Current Information Technologies," (March 2019) *Information Systems Research*, 30(1): 291-305.

R. Sabherwal, S. Sabherwal, **T. Havakhor**, Z.R. Steelman. "How Does Strategic Alignment Affect Firm Performance? The Roles of Information Technology Investment and Environmental Uncertainty," (June 2019) *MIS Quarterly*, 43(2): 453-474.

T. Havakhor, R. Sabherwal. "Team Processes in Virtual Knowledge Teams: The Effects of Reputation Signals and Network Density," (2018) *Journal of MIS*, 35(1): 266-318.

T. Havakhor, A. A. Soror, R. Sabherwal. "Diffusion of Knowledge in Social Media Networks: Effects of Reputation Mechanisms and Distribution of Knowledge Roles," (2018) *Information Systems Journal*, 28(1): 104-141.

Journal Manuscripts in the Review Process

T. Havakhor, S. Sabherwal, R. Sabherwal, and Z.R. Steelman. “Evaluating Information Technology Investments: Does Following Executives’ Trades Help?” **major revision from *MIS Quarterly* (invited for a 2nd round submission).**

T. Havakhor, Golmohammadi, A., D. Gauri, R. Sabherwal. “Success by Talking the Walk: Impact of Sensegiving through Social Media on the Fundraising Success of Business-to-Business New Ventures,” **major revision from *MIS Quarterly* (invited for a 2nd round submission).**

Golmohammadi, A., D. Gauri, **T. Havakhor**. “Firm-induced complaint publicity on Twitter” **major revision from *Journal of Marketing* (invited for a 2nd round submission).**

T. Havakhor, M.S. Rahman, P. Setia. “How to Leverage Intra-Firm IT Spillovers? It Takes Infrastructure Similarity and Governance Choice to Tango,” **reject and resubmit, resubmitted to *Information Systems Research*.**

Duke, J., **Havakhor, T.**, *Mui, R.*, and Parker, O. “How Network Position and Structure Shape Managerial Responses to Underperformance.” **under review at *Academy of Management Journal*.**

**Names of supervised students are in italics*

Journal Manuscripts in the Final Preparation Stage

T. Havakhor, R. Sabherwal. “Organizational Investment in New IT Ventures: Evidence from Big Data Ventures,” **reject and resubmit, in preparation for resubmission to *Information Systems Research*.**

T. Havakhor, Rahman, M., Zhang, T.J., Hammer, B. “Hacking the Value Gap: Cybersecurity Investments, Cybersecurity Talent, and Vulnerability Relative to Peers” **reject and resubmit, in preparation for resubmission to *MIS Quarterly*.**

Duke, J., **Havakhor, T.**, *Mui, R.*, and Parker, O. “How Performance Failures, Successes, and Network Structure Influence Change in Venture Capital Investment Strategies” **in preparation for submission to *Organization Science*.**

T. Havakhor, Sabherwal, R. “It is a Matter of Who Narrates the Lines and When” **in preparation for submission to *Information Systems Research*.**

**Names of supervised students are in italics*

Manuscripts in Preparation for Journal Submission

“Does Cybersecurity Slow Down Digitization? A Quasi-Experiment of Security Breach Notification Laws” with *TJ Zhang* and David Biro.

-to be presented at *ICIS 2019*.

(https://papers.ssrn.com/sol3/Papers.cfm?abstract_id=3382000)

“Not Knowing What to Do with or without Machine Intelligence: Evidence from a Natural Experiment Involving Retail Investors” with *TJ Zhang*, Mohammad S. Rahman, and *Chenqi Zhu*.

-to be presented at *CIST 2019, CODE 2019, WISE 2019*.

(https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3434812)

“Not-so-Dumb Money: Beating the Competition with Talent Acquisition through Corporate Venture Capital Investments” with Mohammad S. Rahman.

-to be presented at *CIST 2019*.

(<http://tahavakhor.com/wp-content/uploads/2019/08/Not-so-Dumb-Money-Beating-the-Competition-with-Talent-Acquisition.pdf>)

“Social Embeddedness of Big Data Ventures: An Early Performance view” *being formatted for submission*; with Rajiv Sabherwal.

“To Dance with Strangers One Needs a Good Wingman: How Existing Ties Enable Search for New Partners” *writing phase*; with Jake Duke.

-Conference version has been presented at Babson College Entrepreneurship Research Conference (BCERC), June 2018.

“Risking for Security? Organizational Investment in Cybersecurity Startups” with TJ Zhang and Forough Nasirpouri Shadbad.

-Conference version has been presented at Wharton Innovation Doctoral Symposium (WINDS), October 2018.

“To Break them Up or Not: Venture Capital Investments by the Big Tech and the Impacts on the Landscape of Tech Entrepreneurship” *work in progress (initial natural experiments done)*; with Mohammad S. Rahman.

Abstract: Calls to break up big information technology companies (the *Big Tech*) have gained momentum amid the recent, major economic and political events. In brief, the rapid horizontal and vertical diversification of the Big Tech has been touted as a monopolizing force that negatively impacted economic growth. One area of horizontal diversification by the Big Tech is entering the venture capital (VC) industry and providing funds to, mainly, tech start-ups. While empirical research has amassed a plethora of evidence regarding the impacts of the Big Tech’s entrance to the production of non-IT goods, there is relatively no insights about the case where they enter the industry of innovation financing.

Aiming to fill this void, we focus on the VC activity of the Big Tech in different metropolitan areas across the world. Recognizing the staggered entrance of these VCs to those metropolitan areas, we design and conduct a difference-in-difference experiment that sheds light on various entrepreneurial impacts of the entrance. The primary findings indicate that the Big Tech’s VC entrance to a metropolitan area in the US enhances entrepreneurial activity as evidenced by the rise in the number of newly established tech start-ups and the number of IT patents filed. Nonetheless, the staggered entrance of the Big Tech VCs is also followed by a decrease in the radicalness of patents filed and granted, the total number of patents granted, the life span of tech start-ups (i.e., the time elapsed before they get acquired, merged/absorbed, or disbanded), and the number of tech start-ups that become public. Put together, this primary evidence points to an increase in tech entrepreneurial activity from a nominal viewpoint but also highlights a decrease in radical innovative activities and a dwindle in the growth and maturation of new tech companies. These findings add to the ongoing debate about the Big Tech and their broader economic influence.

“IT-Process Alignment: A Case of Alignment between Newness of IT Investments and Supporting Software Development Processes” *Writing phase*; with Corey Baham and Daniel Chen.

**Names of supervised students are in italics*

Proceedings Publications and Presentations

T. Havakhor, Rahman, M., *Zhang, T.J., Zhu, C.* (to be presented in October 2019) “Not Knowing What to Do with or without Machine Intelligence: Evidence from a Natural Experiment Involving Retail Investors” *Conference on Information Systems and Technology (CIST)*, Seattle, WA.

T. Havakhor, Rahman, M., *Zhang, T.J., Zhu, C.* (to be presented in December 2019) “Not Knowing What to Do with or without Machine Intelligence: Evidence from a Natural Experiment Involving Retail Investors” *Workshop on Information Systems Economics (WISE)*, Munich, Germany.

T. Havakhor, Rahman, M. (to be presented in October 2019) “Not-so-Dumb Money: Beating the Competition with Talent Acquisition through Corporate Venture Capital Investments” *Conference on Information Systems and Technology (CIST)*, Seattle, WA.

T. Havakhor, *Zhang, T.J.*, Biro, David. (to be presented in December 2019) “Does Cybersecurity Slow Down Digitization? A Quasi-Experiment of Security Breach Notification Laws” *International Conference on Information Systems (ICIS)*, Munich, Germany.

Duke, J., Havakhor, T. (June 2018). “To Dance with Strangers One Needs a Good Wingman: How Existing Ties Enable Search for New Partners” *Babson College Entrepreneurship Research Conference (BCERC)*, Waterford, Ireland. (*Premier entrepreneurship conference*)

Duke, J., Mui, R., Havakhor, T. (June 2018). “How Performance Failures, Successes, And Network Structure Influence Change In Venture Capital Investment Strategies” *Babson College Entrepreneurship Research Conference (BCERC)*, Waterford, Ireland. (*Premier entrepreneurship conference*)

Duke, J., Havakhor, T., & *Mui, R.* (August 2018). The Role of Network Position and Structure in Determining Attainment Discrepancy Attentiveness. *Annual Meeting of the Academy of Management*, Chicago, IL.

Havakhor, T., *Zhang, T.*, Hammer, Bryan. (August 2018). “The Business Value of Engaging in Counter-Breach Initiatives” *Americas Conference on Information Systems (AMCIS)*, New Orleans, La.

Duke, J., Havakhor, T., *Mui, R.*, & Parker, O. (2018). Status Centrality and Structural Holes as Drivers of Aspiration Salience. *Accepted and *nominated for the best conference paper award at the 2018 Strategic Management Society’s 38th Annual Conference*, Paris, France. (*Premier strategic management conference*)

Havakhor, T., P. Setia, and M.S. Rahman. 2016. “Decentralization of IT Governance” *Conference on Information Systems and Technology (CIST)*, November, Nashville, TN.

Havakhor, T., A.A. Soror, R. Sabherwal. 2014. “Contingent Role of Knowledge Self-Efficacy Distribution on Diffusion of Knowledge in Peer-To-Peer Networks: An Agent-Based Approach,” *Proceedings of Americas Conference on Information Systems (AMCIS)*, August, Savannah, GA.

Havakhor, T., R. Sabherwal, S. Sabherwal, Z.R. Steelman. 2014. “Business Value of Information Technology under Different Environmental Conditions: A Resource-Complementarity Perspective,” *Big XII+ Symposium*, April, Norman, OK.

Havakhor, T., P. Setia, and M.S. Rahman. 2013. “Impact of Technology Clusters on Centralization of IT Governance,” *INFORMS Annual Meeting*, October, Minneapolis, MN.

Havakhor, T., R. Sabherwal. 2013. "Knowledge Sharing in Peer-to-Peer Online Communities: The Effects of Recommendation Agents and Community Characteristics," *Proceedings of Hawaii International Conference on System Sciences (HICSS)*, January, Wailea, HI.

III. Teaching at University of Arkansas and Oklahoma State University

Semester	Role	Course Taught	Eval. Score*
Fall 2011	Teaching Assistant	Systems Analysis and Design (ISYS 3293)	N/A
Fall 2012	Instructor	Introduction to Information Systems (ISYS 2263)	3.87
Summer 2014	Instructor	Introduction to Information Systems (ISYS 2263)	4.96
Spring 2015	Instructor	Seminar in ERP Development (ISYS 4233): <i>Business Warehousing (SAP BW), OLAP Object Development, SAP Analytics Platforms (SAP Hana, SAP Lumira)</i>	4.67
Fall 2015	Instructor	Seminar in ERP Development (ISYS 4233)	4.60
Spring 2016	Instructor	Business Intelligence (ISYS 4293): <i>Predictive and Descriptive Analytics (SAS), Web Crawling (Python), Text Mining (R)</i>	4.70
Fall 2016	Instructor	Advanced Application Development (MSIS4363): <i>Android Development, Scripting, NoSQL and Advanced Databases, Hadoop/Map reduce calls from Mobile Devices</i>	4.33; 4.02
Spring 2017	Instructor	Advanced Application Development (MSIS4363)	4.64**; 4.54; 4.48
Fall 2017	Instructor	Advanced Application Development (MSIS4363)	4.62; 4.27
Spring 2018	Instructor	Advanced Application Development (MSIS4363)	4.88; 4.57
Spring 2018	Instructor	Doctoral Seminar in IS Strategy (MSIS6333)	4.57

*Evaluation scores are out of 5; **Graduate Section.

IV. Service

Reviewing Roles

- Editorial Review Board Member at *IEEE Transactions on Engineering Management*, 2017-present.
- Ad-hoc Reviewer at *MIS Quarterly*, 2018-present.
- Ad-hoc Reviewer at *Information Systems Research*, 2017-present.
- Ad-hoc Reviewer at *Journal of Association for Information Systems*, 2017-present.
- Ad-hoc Reviewer at *Journal of MIS*, 2017-present.
- Ad-hoc Reviewer at *Information & Management*, 2014-present.
- Ad-hoc Reviewer at *Communications of ACM*, 2017.
- Ad-hoc Reviewer at *Journal of Organizational Computing and Service Innovation*, 2017.
- Ad-hoc Reviewer at *International Conference on Information Systems*, 2012-2018.
- Ad-hoc Reviewer at *Americas Conference on Information Systems*, 2014-2018.
- Ad-hoc Reviewer at *Hawaii International Conference on System Sciences*, 2013, 2017.
- Ad-hoc Reviewer at *European Conference on Information Systems*, 2015.

Leadership and Service Roles

- *Merit Committee Member, 2019-* , MIS Department, Temple University.
- *Research Committee Member, 2018-present*, Oklahoma State University.
- *External Outreach Committee Member, 2018-19*, Oklahoma State University.
- *Application Development Curriculum Design Committee Member, 2018-present*, Oklahoma State University.
- *PhD Committee Member, 2017-present*, Oklahoma State University.
- *Big XII+ MIS Research Symposium*, co-chair, hosted at Oklahoma State University, 2018.
- *Big XII+ Symposium MIS Research*, coordinator for Oklahoma State University, 2017.
- Instructor and participant at *Information Systems Technology Exploration (ISyTE) for High School Students*, 2017-present, Oklahoma State University.

V. Honors and Awards

- *Richard W. Poole Research Excellence Award (2018)*: Spears School of Business, Oklahoma State University
- *Honorable Mention for Excellence in Reviewing (2018)*: Recognized by *Journal of the Association for Information Systems*
- *Larry T. Wilson Doctoral Fellowship (2014-2015)*: Sam M. Walton College of Business, University of Arkansas (awarded annually to a high achieving fourth-year doctoral student in the Walton College of Business).
- *Doctoral Academy Fellowship (2011-2014)*: Sam M. Walton College of Business, University of Arkansas

VI. Professional Affiliations

- Member, *Association for Information Systems (AIS)*, 2011-present.
- Member, *The Institute for Operations Research and the Management Sciences (INFORMS)*, 2011-present