Abhay Nath Mishra
Kingland Systems Business Analytics Faculty Fellow
Department of Information Systems and Business Analytics
Debbie and Jerry Ivy College of Business
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ACADEMIC POSITIONS

Iowa State University, Debbie and Jerry Ivy College of Business

Professor & Kingland Systems Business Analytics Faculty Fellow	July 2024 -
Associate Professor &	2018-June 2024
Kingland Systems Business Analytics Faculty Fellow/Dean's Fellow	

Georgia State University, J. Mack Robinson College of Business

Associate Professor	2014-2018
Assistant Professor	2008-2013

Carnegie Mellon University, Tepper School of Business

Visiting Assistant Professor	2007-2008

University of Maryland, College Park, Robert H. Smith School of Business

Lecturer/Assistant Professor	2002-2007

University of Texas, Austin, McCombs School of Business

Research Assistant/Teaching Assistant/Instructor	1998-2002

INVITATIONS TO VISIT

Indian School of Business, Hyderabad, India	Spring 2023, 2024, 2025
Karlsruhe Institute of Technology, Germany	Summer 2019
City University of Hong Kong, China	Summer 2019
University of Hamburg, Germany	Summer 2018
Aalto University School of Business, Helsinki, Finland	Summer 2017
University of St. Gallen, Switzerland	Summer 2016
Copenhagen Business School, Denmark	Winter 2015, Summer 2018

EDUCATION

University of Texas, Austin, McCombs School of Business
    Doctor of Philosophy   2003

Xavier Labor Relations Institute, Jamshedpur, India
    Post Graduate Diploma in Business Management (MBA) 1996

National Institute of Technology, Surathkal, India
    Bachelor of Technology, Computer Science and Engineering 1993

RECOGNITIONS, AWARDS, AND NOMINATIONS

1. Associate Professor Achievement in Research Award, 2023, Iowa State University
2. Research Incentive Award, 2022, 2023, Iowa State University
3. Best Paper in Track & Best Conference Paper Nominee (**Track** Digital Innovation, Entrepreneurship, and New Business Models), ICIS 2022, Copenhagen
4. Recent research mentioned online and in press, here, here, here, and here
5. Outstanding Achievement in Research Award Nomination, 2022, Iowa State University
6. Faculty Mentor, Americas Conference on Information Systems, Minneapolis, 2022
7. AIS Distinguished Member, 2021
8. Teaching Innovation Award, 2020, Iowa State University
9. Kingland Systems Business Analytics Faculty Fellow/Dean's Fellow, 2018-, Iowa State University
10. Top Professor Award, 2016, Georgia State University
11. Technology Fee Award, 2013 ($67,000), Georgia State University
12. Competitive Summer Research Grant, 2012-2017, Georgia State University
13. Outstanding Mentor and Role Model Award, 2007, Carnegie Mellon University
14. Software Technology Initiative Grant, 2004, University of Maryland at College Park
15. David Bruton Jr. Fellowship, 2001, University of Texas at Austin
16. University of Texas summer tuition fellowship, 2001
17. Eugene and Dora Bonham Research Grant, 2000, University of Texas at Austin
18. Merit scholarship, National Institute of Technology, Surathkal, India, 1989 – 1993

RESEARCH INTERESTS

IT Use, Economic Impacts and Business Value; Digital Health and Analytics; Sharing Economy, Platforms and Crowds; Artificial Intelligence, Decision-Making and Work; Digital Processes and Operational Impacts; IT Capabilities, Strategy and Firm Performance; Digital Transformation and Economic Development of Countries; Digital Innovations and Societal Implications

RESEARCH

Scholarly Publications

1. Söllner, M., **Mishra, A. N.,** Becker, J-M., Leimeister, J. M. 2024. Use IT again? Dynamic roles of habit, intention and their interaction on continued system use by individuals in utilitarian, volitional contexts. *European Journal of Information Systems.* (33:1) 80-96.

2. Kendziorra, J., Witte, A-K, Winkler, T., Tong, Y., Kwon, J., **Mishra, A. N.** 2023. The quest for national agility: Digital responses to COVID-19 in five countries. *Communications of the AIS*. Vol. 53, https://doi.org/10.17705/1CAIS.05332

3. Weinmann, M., **Mishra, A. N.,** Kaiser, L., vom Brocke, J. 2023. The attraction effect in crowdfunding. *Information Systems Research*. (34:3) 1276-1295.

4. Montanera, D., **Mishra, A. N.**, Raghu, T. S. 2022. Mitigating risk selection in health care entitlement programs: A beneficiary-level competitive bidding approach. *Information Systems Research*. (33:4) 1221-1247.

5. Tao, Y., **Mishra, A. N.,** Masyn, K., Keil, M. 2022. Addressing change trajectories and reciprocal relationships: A longitudinal method for information systems research. *Communications of the AIS*. Vol. 50, https://doi.org/10.17705/1CAIS.05018.

6. **Mishra, A. N.**, Tao, Y., Keil, M., Oh, J. (Cath). 2022. Functional IT complementarity and hospital performance in the United States: A longitudinal investigation. *Information Systems Research.* (33:1) 55-75.

7. Burton-Jones, A., Stein, M-K., **Mishra, A. N.** 2018. IS use. *Research Curation for MIS Quarterly*. https://www.misqresearchcurations.org/blog/2017/12/1/is-use.

8. Singh, R., Mathiassen, L., **Mishra, A. N.** 2015. Organizational path constitution in technological innovation: Evidence from rural telehealth. *MIS Quarterly*. (39:3) 643-665.

9. Yu, S., **Mishra, A. N.,** Gopal, A., Slaughter, S., Mukhopadhyay, T. 2015. E-procurement infusion and operational process impacts in MRO procurement: Complementary or substitutive effects? *Production and Operations Management.* (24:7) 1054-1070.

10. **Mishra, A. N.,** Ketsche, P., Marton, J., Snyder, A., McLaren, S. 2014. Examining the potential of information technology to improve public insurance application processes: Enrollee assessments from a concurrent mixed method analysis. *Journal of the American Medical Informatics Association*. (21:6) 1045-1052.

11. Bhargava, H., **Mishra, A. N.** 2014. Electronic medical records and physician productivity: Evidence from panel data analysis. *Management Science.* (60:10) 2543-2562.

12. **Mishra, A. N.**, Devaraj, S., Vaidyanathan, G. 2013. Capability hierarchy in electronic procurement and procurement process performance: An empirical analysis. *Journal of Operations Management.* (31:6) 376-390.

13. Devaraj, S., Vaidyanathan, G., **Mishra, A. N.** 2012. Effect of purchase volume flexibility and purchase mix flexibility on e-procurement performance: An analysis of two perspectives. ***Journal of Operations Management***. (30:7-8) 509-520.

14. **Mishra, A. N.**, Anderson, C., Angst, C. M., Agarwal, R. 2012. Electronic health records assimilation and physician identity evolution: An identity theory perspective. ***Information Systems Research***. (23:3, Part 1 of 2) 738-760.

15. **Mishra, A. N.**, Agarwal, R. 2010. Technological frames, organizational capabilities, and IT use: An empirical investigation of electronic procurement. ***Information Systems Research***. (21:2) 249-270.

16. **Mishra, A. N.**, Konana, P., Barua, A. 2007. Antecedents and consequences of Internet use in procurement: An empirical investigation of U.S. manufacturing firms. ***Information Systems Research***. (18:1) 103-120.

Papers under Revision and Review and Work in Progress

1. Adam, M., Benlian, A., **Mishra, A. N.** ******. Under revision for **resubmission** (*Information Systems Research*)*.

2. Park, Y-W, Tao, Y., **Mishra, A. N.** Raghu, T.S. ******. Under revision for **resubmission** (*Production and Operations Management*)*.

3. Lu, A., **Mishra, A. N.,** Du, J. ******. Under review (*Organization Science*)*.

4. Su, T., Bhussar, M., **Mishra, A. N.** ******. Under review (*MIS Quarterly*)*.

5. Xu, T., Lu, A., **Mishra, A. N.** ******. Under review (*Management Science*)*.

6. Tao, Y., Wu, D., Vo, A., **Mishra, A. N.,** Brahma, A., Lin, J., Seal, K. ******. Under review (*Journal of Medical Internet Research*)*.

7. Su, T., **Mishra, A. N.** Risks and opportunities in the fragmented market for innovation: The roles of innovation orientation. To be submitted to *Management Science* (target: August 2024)*.

8. Tao, Y., Wu, D., Vo, A., **Mishra, A. N.,** Lin, J., Seal, K. Is telehealth a silver bullet? A longitudinal study of telehealth adoption in mitigating access barriers for mental health patients: An intersectionality perspective. To be submitted to *Journal of Management Information Systems* (target: August 2024).

9. Tao, Y., Ko, M (Cal), **Mishra**, **A. N.,** Cheng, Y. Effects of health information technology, comorbidities, and hospital affiliation on patient readmissions and disease transitions. To be submitted to *Decision Science* (target: August 2024)*.

10. Cao, C., Havakhor, T., Chun, D., **Mishra, A. N.** Productivity impacts of generative AI: A firm-level contingency view. To be submitted to *Strategic Management Journal* (target: September 2024)*.

11. Kim, B., **Mishra, A. N.** Artificial intelligence in information systems research: A review and future directions. To be submitted to *MIS Quarterly* (target: October 2024)*.

12. Cao, C., **Mishra, A. N.** Artificial intelligence, human resources applications, and the welfare of involuntary and voluntary part-time workers. *Data collection in progress.*

13. Zhang, S., Qu, X., Zhang, W., **Mishra, A. N.** Digital content co–production on social media platforms *Conceptualization in progress.*

Refereed Conference and Workshop Publications

1. Xu, T., A. Lu, **A. N. Mishra.** 2024. Social movement on organization : How "Black Lives Matter" movement influences Airbnb peroformance. Accepted at *Academy of Management, AoM,* August 9-13, Chicago, IL.

2. Xu, T., A. Lu, **A. N. Mishra.** 2023. From protests to platforms: Impact dynamics of the "Black Lives Matter" on Airbnb listing performance. Accepted at *Conference on Information Systems and Technology, INFORMS*, October 14-15, Phoenix, AZ.

3. Su, T., M. Bhussar, **A. N. Mishra.** 2023. IT capabilities and exploratory innovation of tech-M&A. Accepted at *Conference on Information Systems and Technology, INFORMS*, October 14-15, Phoenix, AZ.

4. Lu, A., **A. N. Mishra,** J. Du. 2022. Concentration and platform growth in the sharing economy: A resource partitioning perspective. *International Conference on Information Systems*, December 9-14, Copenhagen, Denmark. [**WINNER OF BEST PAPER IN TRACK AWARD**]

5. Weinmann, M., C. M. Coors, **A. N. Mishra,** C. Schneider. 2022. Face Time: How project images influence crowdfunding success. *18th Annual Symposium on Statistical Challenges in Electronic Commerce*, Madrid, Spain.

6. Park, Y-W, Y. Tao, **A. N. Mishra.** 2021. Addressing health inequities using the quantile regression with fairness constraints. *Workshop on Information Technology and Systems*, December 15-17, Austin, TX, USA.

7. Xu, T., A. Lu, **A. N. Mishra,** L. Song, Z. Liu. 2021. Racial bias during "Black Lives Matter": How social movement reshapes Airbnb host performance. *International Conference on Information Systems*, December 12-15, Austin, TX, USA.

8. Winkler, T., J. Kwon, **A. N. Mishra**, Y. Tong. 2020. Digital health responses to Covid-19 in four nations: Tracking, tracing, and teleconsultation in context. *Conference on Health IT and Analytics (CHITA).*

9. **Mishra, A. N.,** C. Cao, J. F. George. 2019. IT-induced employment irregularities and deskilling: Impacts on temporary worker welfare. *International Conference on Information Systems*, December 15-19, Munich, Germany.

10. Weinmann, M., **A. N. Mishra.** 2019. The effect of social distance in donation-based crowdfunding. *International Conference on Information Systems*, December 15-19, Munich, Germany.

11. Schöbel, S., A. Janson, **A. N. Mishra.** 2019. The details make the design – Towards a configurational view for designing avatars in digital learning. *International Conference on Information Systems*, December 15-19, Munich, Germany.

12. Weinmann, M., **A. N. Mishra.** 2019. The effect of psychological distance in donation-based crowdfunding. *15th Annual Symposium on Statistical Challenges in Electronic Commerce (**SCECR 2019**),* Hong Kong, China.

13. Tao, Y., K., Masyn, **A. N. Mishra,** J. (Cath) Oh, M. Keil. 2018. A bivariate dynamic latent difference score model for longitudinal data analysis. *Workshop on Information Technology and Systems,* December 16-18, San Jose, CA.

14. Tao, Y., **A. N. Mishra,** Y. Cheng. 2018. Patient health status prediction. *Workshop on Information Technology and Systems,* December 16-18, San Jose, CA.

15. **Mishra, A. N.**, Y. Tao, J. (Cath) Oh, M. Keil. 2017. Health information technology and hospital-level cost and quality impacts: A complementary perspective. *Workshop on Information Systems and Economics,* December 14-15, Seoul.

16. Tao, Y., K., Masyn, **A. N. Mishra,** J. (Cath) Oh, M. Keil. 2017. A bivariate dynamic latent difference score model for longitudinal data analysis. *Conference on Information Systems and Technology, INFORMS*, October 21-22, Houston, TX.

17. Schöbel, S., M. Söllner, **A. N. Mishra.** 2017. Does the winner take it all? Towards an understanding of why there might be no One-Size-Fits-All gamification design. *European Conference on Information Systems,* June 5-10, Guimarães, Portugal.

18. **Mishra, A. N.,** Y. Tao, J (Cath). Oh, M. Keil. 2015. Quality, efficiency and cost at American hospitals: An empirical analysis of the role of information technology. *Conference on Information Systems and Technology, INFORMS*, October 31-November 1, Philadelphia, PA.

19. Marton, J., **A. N. Mishra**, P. Ketsche, A. Snyder, S. McLaren. 2013. *Can information technology improve the Medicaid application process? Enrollee perceptions from Georgia. AcademyHealth, June 23-25, Baltimore, MD.*

20. **Mishra, A. N.,** A. Snyder, J. Marton, P. Ketsche, S. McLaren. 2012. Virtualizing Medicaid application process in Georgia. *Workshop on Health IT and Economics*, October 5-6, Washington, DC.

21. Bhargava, H., **A. N. Mishra.** 2011. Electronic medical records and physician productivity: Insights from panel data analysis and design implications. *Conference on Information Systems and Technology, INFORMS*, November 12-13, Charlotte, NC.

22. Bhargava, H., **A. N. Mishra.** 2010. Do electronic medical records make physicians more productive? An empirical analysis and design implications. *Workshop on Health IT and Economics*, October 8-9, Washington, DC.

23. Singh, R., L. Mathiassen, **A. N. Mishra.** 2009. A theory of rural telehealth innovation -- A paradoxical approach. *International Conference on Information Systems*, December 15-18, Phoenix, AZ.

24. Yu, S., **A. N. Mishra,** A. Gopal, T. Mukhopadhyay. 2009. IT infusion and its performance impacts: An empirical analysis of e-procurement in the service industry. *International Conference on Information Systems*, December 15-18, Phoenix, AZ.

25. Yu, S., **A. N. Mishra,** A. Gopal, S. Slaughter, T. Mukhopadhyay. 2008. IT infusion and its performance impacts: An empirical analysis of e-procurement in the service sector. *Conference on Information Systems and Technology, INFORMS*, October 11-12, Washington, DC.

26. Anderson, C., **A. N. Mishra,** R. Agarwal, C. M. Angst. 2007. Digitizing healthcare: The ability and motivation of physician practices and their adoption of electronic health record systems. *International Conference on Information Systems*, December 9-12, Montreal, QC.

27. **Mishra, A. N.**, P. Konana, A. Barua. 2001. Determinants of the level of Internet-based procurement: An empirical study of the procurement of production goods in manufacturing firms. *Americas Conference on Information Systems*, August 3-5, Boston, MA.

28. **Mishra, A. N.**, P. Konana, A. Barua. 2000. An empirical investigation of Internet-based procurement. *Third International Conference on Telecommunications and Electronic Commerce*, November 16-19, Dallas, TX.

Non-refereed Conference Publications

1. Feizollahi, M. J., **A. N. Mishra.** 2016. The value of customer flexibility in smart grids. 2016. *Production and Operations Management Annual Conference,* May 6-9, Orlando, FL.

2. **Mishra, A. N.**, P. Ketsche, J. Marton, A. Snyder, S. McLaren. 2012. Virtualizing Medicaid application process in Georgia: A test of process virtualization theory. *INFORMS Annual Meeting*, October 14-17, Phoenix, AZ.

3. **Mishra, A. N.**, P. Konana, A. Barua. 2006. Antecedents and consequences of Internet use in procurement: An empirical investigation. *INFORMS Annual Meeting*, November 5-8, Pittsburgh, PA.

Invitations for Research Presentations

2023
Indian School of Business, University of Colorado at Boulder, University of South Florida at Tampa, Temple University, University of Memphis, Ohio State University

2022
University of Minnesota at Twin Cities, University of Iowa, University of Minho, Portugal, Texas A&M University, Tulane University, Southern Methodist University, University of Georgia, Arizona State University, North Carolina State University

2019
Karlsruhe Institute of Technology, Germany, City University of Hong Kong, China

2018

University of Minnesota at Twin Cities, University of California at Davis, Copenhagen Business School, University of Hamburg, Germany

2017

Aalto University School of Business, HEC Paris, Iowa State University, Temple University

2016

University of St. Gallen, Switzerland, Vanderbilt University, The Ohio State University

2015

Copenhagen Business School, Indian School of Business

2014

Georgia Tech, Emory University Center of Comprehensive Informatics

2012

University of California at Davis

2011

University of Georgia

2008

Georgia State University, American University, Carnegie Mellon University, Singapore Management University, University of Pittsburgh, City University of New York, University of North Carolina at Greensboro

2007

University of Cincinnati, Babson College

2002

University of Maryland at College Park, University of British Columbia, State University of New York at Buffalo, Arizona State University, University of Notre Dame, Penn State University, Texas A&M University, University of Washington at Seattle, Louisiana State University, University of Pittsburgh

2001

State University of New York at Albany

SPONSORED PROJECTS, CONTRACTS AND GRANTS

1. Competitive Ecology of Digital Markets: Concentration, Diversified Growth, and Product Distinctiveness in the Platform Economy. With **Angela Lu**. **General Research Fund, Research Grants Council, Hong Kong**; 2024-2025; Amount of grant: **HK$414,300 (~USD 53,000); Role: Co-PI and faculty**.

2. Yes, You Do! Persuading Men to Seek Medical Care through Behavioral and Digital Nudges. **Debbie and Jerry Ivy College of Business Competitive Research Bootstrap Grant**; Begin Date: 04/22/2022; End Date: 05/31/2023; Amount of grant: **$6,000; Role: PI and faculty**.

3. Application of Blockchain and Smart Contracts in Agribusiness and Insurance Sectors: An Examination of Governance Structures, Trust and Interorganizational Relationships. **Debbie and Jerry Ivy College of Business Competitive Research Bootstrap Grant**; Begin Date: 01/01/2019; End Date: 12/31/2019; Amount of grant: **$6,000; Role: PI and faculty**.

4. A Cross-National Comparison of Health Information Technology-related Policy Frameworks for Guiding Research and Practice. **Danish Agency for Science and Higher Education** (with T. Winkler, Y. Tong, T. Jensen, and J. Kwon); Begin Date: 1/2018; End Date: 10/2019; Amount of funding: **Danish Krone 286,191; Role: Faculty**.

5. Application of Machine Learning Techniques for the Detection of Money Laundering. **SunTrust Banks** (with Y. Xia, S. Srivastava); Begin Date: 12/01/2017; End Date: 05/10/2018; Amount of contract: **$80,000; Role: PI and faculty**.

6. An Evaluation of the New Pharmacy Dispensing System. **Pruitt Health** (with A. Sumner, P. Ketsche, L. Branscomb, A. Baird, and M. Cameron); Begin Date: 12/2014; End Date: 06/2015; Amount of contract: **$75,121; Role: PI and faculty**.

7. Medicaid and CHIP Eligibility Redesign. **Georgia Department of Community Health** (with A. Snyder, J. Marton, B. Tyler and P. Ketsche); Begin Date: 10-01-2011; End Date: 12-31-2012; Amount of grant: **$200,000**; **Role: Faculty**.

8. Electronic Health Record Adoption and Use Among U.S. Physician Practices. **Pfizer Health Informatics** (with R. Agarwal, C. Angst, and C. Anderson); Begin Date: 03-2006; End Date:02-2007; Amount of grant: **$40,000**; **Role: PI and faculty**.

GRANT APPLICATIONS

1. Artificial intelligence, connected surveillance, deceptive use of technology, and managerial control: Implications for Employees and Organizations. **Joint Swiss National Science Foundation – National Science Foundation Program** (with T. Mettler); *to be submitted* in **fall 2023**.

TEACHING

Ph.D. Courses:	Empirical Research in MIS **[New]**
	Collaboration, Knowledge and Intelligence in Organizations
	Topics in Health Information Systems **[New]**
MBA/MHA/MS/MSA Courses:	Health Care Data Privacy, Security & Compliance **[New]**
	Research Seminar in MIS
	Data Management for Analytics (**MSA Core**) **[New]**

| | | Analytics Experience (**MBA Core**)
| | | Health Information Systems (**MHA Core**)

Undergraduate Courses: Analytics Experience (**MBA Core**)
Health Information Systems (**MHA Core**)
Predictive Analytics in Health Care   **[New]**
Fundamentals of Database Management
Electronic Commerce: Business Models and Technology
Telecommunications and the Internet
Data Management Systems
Managing Digital Businesses and Markets
Database Management Systems
Information Systems Analysis
Health Information Systems
Scientific Perspectives on Global Problems
Management Information Systems (**IS Core**)
Introduction to Information Systems (**IS Core**)
Information Systems Projects
Introduction to Data Management

Executive MBA Course: Operations and Quality Management

Teaching Evaluations

Semester and year	Course Number	Course Title	No. of students	Student eval
At Iowa State University				
Spr 2024	MIS 320	Database Management Systems (2 Sections)	32 47	4.54 4.17
Fall 2023	MIS 521X	Health Care Data Privacy, Security & Compliance	12	4.8
Spr 2023	MIS 310	Information Systems Analysis	36	4.58
Fall 2022	MIS 310	Information Systems Analysis	38	4.29
Fall 2022	MIS 630X	Empirical Research in MIS	3	5.0
Spr 2022	MIS 310	Information Systems Analysis	27	4.13
Spr 2022	MIS 320	Database Management Systems	46	4.16
Fall 2021	MIS 310	Information Systems Analysis	23	4.75
Fall 2021	MIS 320	Database Management Systems	46	4.86
Spr 2021	MIS 310	Information Systems Analysis (2 Sections)	45 41	3.87 4.72
Fall 2020	MIS 320	Database Management Systems	45	3.65
Fall 2020	MIS 630X	Empirical Research in MIS	4	5.0
Spr 2020	MIS 310	Information Systems Analysis (2 Sections)	41 37	4.13 4.42
Fall 2019	MIS 320	Database Management Systems	49	4.13
Fall 2019	MIS 310	Information Systems Analysis	21	4.64
Spr 2019	MIS 604	Collaboration, Knowledge and Intelligence in Organizations	1	Not reported
Fall 2018	MIS 320	Database Management Systems	49	3.32

Fall 2018	MIS 598	Research Seminar in MIS	20	3.69
At Georgia State University				
Spr 2018	MBA 8045	Analytics Experience	27	3.9
Fall 2017	MSA 8040	Data Management for Analytics	48	4.4
Spr 2017	HA 8750	Predictive Analytics in Health Care (2 Sections)	18 19	5.0 4.6
Fall 2016	CIS 8040	Fundamentals of Database Management	45	4.4
Fall 2016	HA 3970	Health Information Systems	24	4.2
Spr 2016	HA 8750	Predictive Analytics in Health Care	23	3.9
Fall 2015	HA 3970	Health Information Systems	25	4.3
Spr 2015	HA 3970	Health Information Systems	11	3.6
Spr 2015	HA 8750	Predictive Analytics in Health Care	21	3.8
Fall 2014	HA 3970	Health Information Systems	20	4.4
Spr 2014	HA 8750	Predictive Analytics in Health Care	10	3.1
Spr 2014	HA 8670	Health Information Systems	33	4.2
Fall 2013	HA 3970	Health Information Systems	21	4.5
Spr 2013	HA 8670	Health Information Systems	26	4.8
Spr 2013	HA 3970	Health Information Systems	11	4.3
Fall 2012	HA 3970	Health Information Systems	41	4.5

All the ratings are on a scale of 1 to 5.

New Course Developments and Substantial Modifications

1. Health Care Data Privacy, Security & Compliance, **MIS 521X**, Master's, fall 2023 [**New**]

2. Empirical Research in MIS, **MIS 630x**, Doctoral, fall 2020 [**New**]

3. Collaboration, Knowledge and Intelligence in Organizations, **MIS 604**, Doctoral, spring 2019 [**Substantial Modification**]

4. Research Seminar in MIS, **MIS 598**, Master's, fall 2018 [**Substantial Modification**]

5. Data Management for Analytics, **MSA 8040**, Master's, fall 2017 [**New**]

6. Predictive Analytics in Health Care, **HA 8750**, Master's, spring 2014 [**New**]

7. Readings in Health Information Systems, **HA/CIS 9200**, Doctoral, spring 2010 [**New**]

8. Health Information Systems, **HA 3970**, Undergraduate, Fall 2008 [**Substantial Modification**]

Supervision of Doctoral Students

1. Su, T. **Advisor (ongoing) [ISBA; Iowa State University]**.

2. Ur Rehman, M. **Committee Member (ongoing) [ISBA; Iowa State University]**.

3. Meng, J. **Committee Member (ongoing) [ISBA; Iowa State University]**.

4. Zahedi, A. 2024. **Committee Member** of the dissertation committee at **Iowa State University, Initial placement:** University of Kentucky, Lexington, KY.

5. Westerhof, A. 2022. **Proposal Reviewer (Nyenrode Business School, The Netherlands)**.

6. Paul, C. 2022. The Dark Side of Information Systems Use: Three Essays. **Committee Member** of the dissertation committee at **Iowa State University**, **Initial placement**: Mississippi State University, Starkville, MS.

7. Van der Steen, N. 2021. **External Examiner (University of Ghent, Belgium)**.

8. Qu, X. 2019. From Purchase, Usage, to Upgrade — Consumer Analytics Using Large Scale Transactional Data. **Committee Member** of the dissertation committee at **Iowa State University**, **Initial placement**: University of Notre Dame, South Bend, IN.

9. Tao, Y. 2018. Essays on Health Information Technology and Its Quality and Efficiency Impacts on Organizations. **Co-chair** of the dissertation committee with **Mark Keil**, **Initial placement**: Loyola Marymount University, Los Angeles, CA.

10. Sambhara, C. K. 2015. Risks, Controls and Business Value of IT-enabled Interfirm and Intrafirm Processes. **Committee Member** of the dissertation committee, **Initial placement**: Miami University of Ohio, Oxford, OH.

11. Hornyak, R. 2012. Knowledge Worker Behavioral Responses and Job Outcomes in Mandatory Enterprise System Use Contexts. **Committee Member** of the dissertation committee, **Initial placement**: Arizona State University, Tempe, AZ.

12. Anderson, C. A. 2011. Health Information Systems Affordances: How the Materiality of Information Technology Enables and Constrains the Work Practices of Clinicians. **Committee Member** of the dissertation committee, **Initial placement**: University of Nevada, Reno, NV.

13. Langer N. 2007. Essays in Information Technology Management. **External Reader** of the dissertation, **Initial placement**: Indian School of Business, Hyderabad, India; currently at Rensselaer Polytechnic Institute.

Supervision of Master's and Undergraduate Students

1. Bishop, M. **Co-Advisor with Dr. Anthony Townsend, 2019 [MSIS student]**.
2. Groe, A. **Faculty Mentor of undergraduate honors student, 2019**.
3. Lautenbach, C. **Advisor of undergraduate honors student, 2023**.
4. 18 graduate students to deliver an industry project, 2018

SERVICE

Editorial Appointments

- Associate Editor, *Information Systems Research*, (January 2023 – December 2024); processed **47 manuscripts** by June 2024.
- Editorial Review Board, *Journal of Association of Information Systems*, 2024

- Advisory and Editorial Board, *Journal of Management Information Systems* special issue on "Generative AI and its Transformative Value for Digital Platforms"
- Editorial board member of the special issue of *Journal of Association of Information Systems* on "Health Analytics and IS Theorizing;" (**Guest Editors**: Dr. Aaron Baird, Dr. Rajiv Kohli, and Dr. Yusen Xia)
- Associate Editor, *MIS Quarterly* (January 2016 – December 2020); processed **92 manuscripts** and guided seven to final acceptance with **seven** Senior Editors
- Editorial board member of the special issue of *MIS Quarterly* on "The Role of Information Systems Analytics on Chronic Disease Prevention and Management" (**Guest Editors**: Dr. Indranil Bardhan, Dr. Hsinchun Chen, and Dr. Elena Karahanna), 2017-2018
- Editorial Review Board, *Journal of the Association of Information Systems* (August 2015 – December 2020).
- Associate Editor of the special issue of *Health Systems* (**Guest Editors**: Dr. Elizabeth Davidson, Dr. Gordon Gao, and Dr. Jeffrey McCullough), 2013

Ad-hoc Reviewer

- *Management Science, Information Systems Research, MIS Quarterly, Organization Science, Journal of Management Information Systems, Journal of the Association for Information Systems, Production and Operations Management, Decision Support Systems, Decision Sciences, Journal of Strategic Information Systems, Journal of Information Technology, European Journal of Information Systems, Information Technology and Management, Electronic Commerce Research Journal, Health Systems*

Leadership Roles in Professional Societies

- AIS Education Awards Committee 2021-2023
  - Make recommendations for AIS Teaching Awards
- Core conference committee member for the initial bid for ICIS 2026 (bid rejected but we are invited to resubmit it for 2028)

Roles in Academic Conferences

- Conference co-chair for Conference in Information Systems and Technology (CIST), 2024, Seattle, Washington, USA
- Associate Editor, **Advances in Methods, Theories, and Philosophy Track**, ICIS 2024, Bangkok, Thailand
- Faculty advisor for **Doctoral Consortium**, Americas Conference on Information Systems (AMCIS), 2022, Minneapolis, Minnesota, USA
- Track co-chair, **Sharing Economy, Platforms, and Crowds Track**, International Conference on Information Systems (ICIS), 2022, Copenhagen
- Reviewer, Pacific Asia Conference on Information Systems, 2022, Taipei-Sydney
- Track co-chair, **IS in Healthcare Track**, ICIS 2021, Austin, TX, USA
- Track co-chair, **IS in Healthcare Track**, ICIS 2020, Hyderabad, India

- Live demonstration of **Chicken Tandoori** preparation, ICIS, 2020
- Session co-chair, **Decision Science Institute Annual Conference,** 2020
- Track co-chair, **IS in Healthcare Track**, ICIS 2019, Munich, Germany
- Track co-chair, **Sustainably Digital Track**, ECIS 2019, Stockholm, Sweden
- Associate Editor, **IS in Healthcare Track**, ICIS 2018, San Francisco, USA
- Track co-chair, **Healthcare Analytics Track**, POMS 2018, Houston, USA
- Program committee member Conference on Information Systems and Technology (CIST)/INFORMS, 2018-2011
- Associate Editor, **IS and Healthcare Track**, ICIS 2017, Seoul, South Korea
- Discussant for Workshop on Information Systems and Economics, 2017, 2016
- Track co-chair, **IS in Healthcare Track**, ICIS 2016, Dublin, Ireland
- Member of the *International Advisory Committee* for the Marketing, Technology and Society Conference at IIM Kozhikode, India, 2016
- Associate Editor, **IT and Healthcare Track**, ICIS 2015, Fort Worth, TX, USA
- Session chair, ICIS 2015, ICIS 2009
- Conference Co-chair, CIST/INFORMS 2012, Phoenix, AZ; Session chair for INFORMS 2012
- Track-chair, Pacific Asia Conference on Information Systems, 2010
- Session chair, CIST 2011, CIST 2006
- Associate editor, Academy of Management conference, 2010
- Associate editor for two tracks, ICIS, 2009, Phoenix
- Mini-track Co-chair for AMCIS 2006
- Session chair for INFORMS 2005

Roles Related to Junior Faculty/Post-Doc/Doctoral Student Mentoring

- *MIS Quarterly* reviewer workshop, 2016-2019
- *MIS Quarterly* author workshop, 2020
- Mentoring Junior Faculty, Post-Docs and Doctoral Students:
  - Young Woong Park, Iowa State University
  - Cathy Cao (currently at City University of New York)
  - Andreas Janson (currently at University of St. Gallen, Switzerland/University of Kassel, Germany)
  - Sofia Schöbel (currently at University of Osnabrück, Germany)
  - Aslan Lotfi (Currently at University of Richmond)
  - Angela Lu (currently at City University of Hong Kong)
  - Tong Xu (currently at City University of Hong Kong)
  - Deepika Gopukumar (currently at Saint Louis University)
  - Chris Coors (currently at University of Cologne, Germany)

Grant Review

- External reviewer for Hong Kong Research Grants Council

Professional Affiliations

Association for Information Systems (AIS)
Information Systems Society (ISS)

Internal Service at Iowa State University

University-Level

1. Chair, Equity, Diversity and Inclusion Committee, 2023-2025
2. Member, Faculty Development and Administrative Relations (FDAR) Council, 2023-2025
3. ISU Research Awards Evaluation Committee, 2023-2025
4. University-Level Committee for Karas Award for Outstanding Dissertation, 2022, 2023
5. University-Level Committee to judge 3MT – Three Minute Thesis – for graduate students, 2021
6. University Level Research Day Faculty Advisory Committee, 2020

College-Level

7. Member of the Ivy College Curriculum Committee, 2023-
8. Member of the Ivy College Doctoral Committee, 2018-2023
9. Presenter for AmeriCorps Program for Women in Science and Engineering (WiSE), Summer 2022
10. Presenter in Ivy College Business Analytics Symposium, 2022, 2018

Department-Level

11. Chair of the ISBA Curriculum Committee, 2023-
12. Chair of the ISBA Doctoral Committee, 2018-2023
13. Member of the ISBA Doctoral Committee, 2023-
14. Chair of the ISBA P&T Committee, 2020-2021
15. ISBA (and SCIS) P&T Committee, 2018-
16. Organizer of ISBA Department Seminar Series 2018-
17. Faculty mentor for Dr. Young Woong Park
18. Member of the ISBA Strategic Planning Committee, 2019-2020; Chair of the Research Sub Committee
19. Active mentoring and coaching of doctoral students, 2018-
20. Faculty Marshal at commencement ceremonies, 2021-2023
21. *Ad hoc* meetings with prospective students, alumni, and donors, 2021
22. Member of the ISBA Faculty Recruitment Committee, 2020-2021
23. ISBA Representative in the Faculty Development Committee for the Faculty Professional Development Assignment (FPDA) Award, 2022, 2020, 2019

Other

24. Faculty advisor of the Iowa State University Cricket Club, 2019-2024
25. Faculty mentor for First-Year Honors Mentor Program, 2019

Internal Service at Georgia State University

26. Member of University Faculty Senate, 2016-2018
27. Student recruitment and industry collaboration, 2016-2018
28. Member of the Faculty Affairs Committee, 2016-2018
29. Member of the Graduate Program Council, 2016-2018
30. Coordinator for the seminar series in analytics, 2015-2018
31. Member of Institute for Insight Faculty Recruitment Committee, 2016-2017
32. Redesign of existing curriculum on business analytics, 2016-2017
33. Chair of the MS in Analytics Faculty Recruitment Committee, 2015-2016
34. Member of the CIS Recruitment Committee, 2013-2015
35. Member of the college-wide faculty working group on analytics, 2015-2016
36. Successful proposal development for the second century initiative (also known as 2 CI) cluster hiring in health information systems, 2011
    a. **Resulted in the hiring of three tenure-track/tenured faculty members across three departments in two colleges**
37. Leadership in health informatics and analytics, 2008-2016

Community Service

- Active participation in Indian Cultural Association, Ames, 2018-
- Assistant Coach, Ames Area Soccer Clubs, 2018, 2019, 2022
- Fellows Elementary School Ames PTO International Night, 2019, 2023
- Faculty advisor for Asha for Education, 2011-2013
- Provided organization and management help to Hosea Feed the Hungry, Atlanta, 2008