

## **INDRANIL R. BARDHAN**

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### **EDUCATION**

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| The University of Texas at Austin       | Doctor of Philosophy (Ph.D.),<br>Management Science & Information Systems<br>McCombs School of Business, 1995. |
| The Pennsylvania State University       | Master of Engineering, 1992.   |
| Indian Institute of Technology, Dhanbad | Bachelor of Technology (B.Tech), 1988.   |

### **ACADEMIC EXPERIENCE**

**THE UNIVERSITY OF TEXAS AT AUSTIN:** July 2018 – present.

- Charles and Elizabeth Prothro Regents Chair in Health Care Management, September 2024 - .
- Foster Parker Centennial Professor, McCombs School of Business, and Professor, Department of Information, Risk & Operations Management. September 2018 – August 2024.
- Professor, Department of Medical Education, Dell Medical School, October 2019 – present (courtesy appointment). Launched the MS in Healthcare Transformation program, a joint degree program between McCombs and Dell Medical School.
- Visiting Professor, Carey Business School, Johns Hopkins University, August – December 2023 (faculty research leave).

**THE UNIVERSITY OF TEXAS AT DALLAS:** 2001 – 2018.

- Professor, Jindal School of Management, 2013 - 2018.
- Area Coordinator of Management Information Systems, 2014 – 2017.
- Visiting Associate Professor, The University of Texas Southwestern Medical School, 2008-09 (on sabbatical). Led research collaborations with UTSW clinics and faculty over ten-year period.
- Associate Professor, Jindal School of Management, 2007 - 2013.
- Assistant Professor, Jindal School of Management, 2001 – 2007.

### **RESEARCH**

Dr. Bardhan's focus is on applications-driven research in the areas of digital health innovation, healthcare analytics, and information technology management. Specifically, his research studies the impact of health information technology on the deployment of value-based healthcare initiatives using a variety of econometric, machine learning, and artificial intelligence methods. His research

portfolio spans multiple disciplines including management science, information systems, and healthcare, and includes 28 refereed publications in top journals on the *Financial Times FT50 Journal Rankings* list. He has served in a variety of senior editorial positions at several prestigious journals, including *MIS Quarterly* (SE), *Information Systems Research* (AE & SE), *Management Science* (AE), *Production and Operations Management* (SE), *Decision Support Systems* (AE), and *Decision Sciences* (AE). He also served as co-editor of a special issue of *MIS Quarterly* on the “Role of Information Systems and Analytics in Chronic Disease Management” published in March 2020. He has served as also faculty mentor at the *MIS Quarterly* Scholarly Academy, ICIS Doctoral Consortium, and several *MIS Quarterly* Reviewer and Author development workshops. He is as a **Distinguished Fellow** of the **INFORMS Information Systems Society**, inducted in 2019.

His research has won **ten best paper or runner-up awards** and has been funded by grants from the *National Science Foundation* and the *UT Southwestern Medical Center* in Dallas. Specific research areas include:

- *Digital Health*: Research on health information technologies and their adoption/use on the quality of care; impact of patient portal use on patient readmissions; impact of telehealth on care utilization and patient outcomes; impact of health IT and sourcing of electronic health records on the value of care delivery in accountable care organizations.
- *AI and Machine Learning Applications in Health Care*: Predictive analytics of patient readmissions for congestive heart failure using machine learning and artificial intelligence; Develop new deep learning models and explainable AI methods for predictive modeling of patient outcomes; Predictive models to study the impact of clinical practices on outcomes of cardiothoracic surgery; Machine learning models to study the impact of online reviews of physicians and social determinants of health on patient outcomes.
- *Platform Innovation*: Development of informatics platforms to improve patient care coordination and engagement with providers; IT-enabled collaboration for new product development and innovation across organizational and geographic boundaries; IT-enabled innovations in healthcare delivery and clinical care.

## HONORS AND AWARDS

- **Best Paper Award**, *Fourteenth Conference on Health Information Technology and Analytics*, Washington DC, May 2024.
- **2023-24 Award for Research Excellence** (college-wide award), McCombs School of Business, The University of Texas at Austin, April 2024.
- **Best Paper Award**, SIG Advances in Sourcing, Association for Information Systems, 2023.
- **IS Cluster Best Paper Award**, *INFORMS Annual Meetings*, Phoenix, October 2023.
- **Distinguished Member Cum Laude**, Association for Information Systems (AIS), July 2021.
- **Distinguished Fellow**, INFORMS Information Systems Society, October 2019.
- **Foster Parker Centennial Professorship**, McCombs School of Business, The University of Texas at Austin, September 2018 - present.
- **Research Excellence Grant**, McCombs School of Business, October 2019, November 2020.
- Runner-up Award for **Best Conference Paper**, *Tenth Conference on Health Information Technology and Analytics*, Washington DC, November 2019.

- **Best Paper Award**, Special Interest Group on IT in Healthcare, Association for Information Systems, August 2019.
- **Best Student Paper Award** coauthored with doctoral student, *Eighth Conference on Health Information Technology and Analytics*, Washington DC, November 2017.
- **Best Paper Award**, *International Conference for Smart Health*, Hong Kong, June 2017.
- Runner-up Award for **Best Journal Paper of 2015**, *Information Systems Research*. Awarded by ISR and INFORMS Information Systems Society, Nashville, Nov. 2016.
- Runner-up Award for **Best Conference Paper**, *Thirty-fifth International Conference on Information Systems*, Auckland, December 2014.
- Winner, **CIONET Research Paper of the Year**, 2013 (based on papers published in *MIS Quarterly* and *ISR* in 2012), Association of European CIOs and IT leaders.
- Finalist for Best Paper Award, *INFORMS Conference on Information Systems and Technology*, Phoenix, October 2012.
- Best Track Paper and Finalist for Best Paper Award, *International Conference on Information Systems (ICIS)*, Milwaukee, December 2006.
- Finalist for Best Paper Award, *INFORMS Conference on Information Systems and Technology*, Denver, October 2004.
- Abell-Hanger Endowed Presidential Research Scholarship, The University of Texas at Austin, Austin, TX, 1993-94.
- DuPont Ph.D. Scholarship, The University of Texas at Austin, 1992, 1993.
- Omega Rho Honor Society for Operations Research, INFORMS, 1992 – present.

## RESEARCH GRANTS

Served as *Senior Investigator* on an NSF grant and has served as *Principal Investigator* on two competitive research grants awarded by the UT System.

1. *Senior Investigator*: “Large-scale Medical Informatics for Patient Care Coordination and Engagement” funded by the National Science Foundation’s Big Data initiative. Multi-university award of **\$1 million** (October 2016 – September 2019) to demonstrate the use of big data to improve population health. NSF Contract # 1636933. This project involves development and implementation of analytics-based models to facilitate physician decision-making using “in the wild” sensor-based data collected from patients. The primary focus is on development of a working prototype using analytics methods, based on data from EHR systems and wearables/sensors, to predict adverse patient outcomes based on changes in their behavioral, sensor-based data and environmental exposures.
2. *Principal Investigator*: “A Predictive Model for Patient Readmissions in North Texas” funded by the UT Health System. Grant funding supported one post-doctoral research associate for 18 months.  
**Phase 1 Award**: \$25,000 from November 2010 – October 2011, Contract # 34456001.  
**Phase 2 Award**: \$20,000 from November 2011 – June 2012, Contract # 34456002.
3. *Principal Investigator*, “Modeling the Impact of Patient Migration on Duplicate Testing for Congestive Heart Failure Patients” funded by the UT Health System.  
**Award**: \$25,000 to support one doctoral student from Jan. – Dec. 2013. Contract #: 34056002.

4. Research grant funded by the National Institute of Health's Clinical and Translational Scientific Award (CTSA) program through UTSW Medical Center. Length of award: Sep. 2008 – May 2009. **Award Amount** \$41,619. Contract # 34456001.
5. McCombs Research Excellence Grants (each grant supports research funding for one year), November 2020; February 2024.

## JOURNAL EDITORSHIPS

- Senior Editor, *Information Systems Research*, Jan. 2023 – present.
- Associate Editor, *Healthcare Analytics*, 2021 – 2023.
- Board of Editors, *Journal of Management Information Systems*, 2020.
- Senior Editor, *MIS Quarterly*, January 2014 – December 2019 (2 terms).
- Associate Editor, *Management Science* (Healthcare Management dept.), Jan. 2018 - present.
- Guest Editor, Special issue of *MIS Quarterly* on “Role of Information Systems and Analytics in Chronic Disease Management.” March 2020, vol. 44, no. 1.
- Guest Associate Editor, Special issue of *Journal of Management Information Systems* on “Transformative Value of Cloud Computing”, 2016.
- Associate Editor, *Information Systems Research*, Jan. 2007 – Dec. 2009.
- Senior Editor, *Production & Operations Management*, 2008 - 2011.
- Associate Editor, Special Issues of *MIS Quarterly* on “Co-creating IT Value: Capabilities and Metrics for Multi-firm Environments” 2011; “Information Technology & Innovation” 2017.
- Associate Editor (2010 - 2013); Editorial Board, *Decision Sciences*, 2006 - 2010.
- Associate Editor, *Decision Support Systems*, 2009 - 2010.
- Area Editor, *Electronic Commerce Research and Applications*, 2006 - 2008.
- Co-editor, Special Issue of *Information Technology and Management*, 2008. Associate Editor, *Information Technology and Management*, 2011 – 2013.
- Co-editor, Special issue of the *Journal of Management Information Systems* on “Information Systems in Services” Spring 2010, Vol. 26, No. 4.
- Co-editor, Special issue of the *International Journal of Electronic Commerce*, March 2010.

## CITATIONS

Dr. Bardhan's research has received over **6,400 citations** (h-index = 29) in Google Scholar.

## BOOKS

*Smart Health*. Hsinchun Chen, Daniel Zeng, Elena Karahanna, Indranil Bardhan (eds.), 2017. Lecture Notes in Computer Science 10347, Springer, ISBN 978-3-319-67963-1, Proceedings of International Conference on Smart Health, Hong Kong.

## REFEREED PUBLICATIONS

Inter-disciplinary research focus that spans multiple disciplines including management science, information systems, healthcare, operations management, and accounting. Specific research areas include:

### I. HEALTH INFORMATION TECHNOLOGY AND ANALYTICS

1. An Explainable AI Approach using Graph Learning to Predict ICU Length of Stay. *Information Systems Research*, Aug. 2024, Conditionally accepted (with T. Guo, Y. Ding, and S. Zhang).
2. Measuring Value in Healthcare: Lessons from Accountable Care Organizations. *Health Affairs Scholar*, March 2024, Vol. 2, No. 3, pp. 1-8 (with C. Bao).
3. Impact of Telehealth and Process Virtualization on Healthcare Utilization: A quasi-experimental patient-level study. *Information Systems Research*, March 2024, Vol. 35, No. 1, pp. 45-65 (with S. Ayabakan and Z. Zheng).
4. Social Determinants of Health and ER Admission Risk: Role of Information Integration during COVID-19. *ACM Transactions on Management Information Systems*, Oct. 2023, Vol. 14, Issue 4, (with T. Guo and A. Khurshid).
5. Hospital and Surgeon Experience and Patient Outcomes after Coronary Artery Bypass Graft Surgery. *Journal of Operations Management*, 2023, Vol. 69, No. 7, pp. 1153-1175 (with J. Li, S. Sethi, and S. Ring).
6. Value Implications of Sourcing Electronic Health Records: The role of hospital practice integration. *Information Systems Research*, 2023, Vol. 34, No. 3, pp. 1169-1190 (with C. Bao and S. Ayabakan). **Best Paper Award** from the AIS Special Interest Group on Advances in Sourcing.
7. Performance of Accountable Care Organizations: Effective information technology use and quality-efficiency trade-offs. *Information Systems Research*, June 2022, Vol. 33, No. 2, pp. 697-717 (with C. Bao).
8. Did the Hospital Readmission Reduction Program Achieve its Triple Aim Goals? *Health Services Research and Managerial Epidemiology*, 2021, Vol. 8, pp. 1-10, (with S. Ayabakan and Z. Zheng).
9. Are Online Reviews of Physicians Reliable Indicators of Clinical Outcomes? A focus on chronic disease management. *Information Systems Research*, December 2020, Vol. 31, No. 4, pp. 1282-1300 (with D. Saifee, A. Lahiri, and Z. Zheng).

10. Patient-provider Engagement and its Impact on Health Outcomes: A longitudinal study of patient portal use. *MIS Quarterly* June 2020, Vol. 44, No. 2, pp. 699-723 (with C. Bao, H. Singh, B. Meyer, and K. Kirksey).
11. Connecting People, Systems, and Data: A Multiple-disciplinary Research roadmap for Chronic Disease Management. *MIS Quarterly*, Special Issue on “Role of Information Systems and Analytics in Chronic Disease Prevention and Management” March 2020, Vol. 44, No. 1, pp. 185-200 (with H. Chen and E. Karahanna).
12. Adherence to Clinical Guidelines, Electronic Health Record Use, and Online Reviews. *Journal of Management Information Systems*, December 2019, Vol. 36, No. 4, pp. 1071-1104 (with D. Saifee, A. Lahiri, and Z. Zheng).
13. Sooner or Later? An Integrated Analysis of Health IT, Length of Stay and Patient Readmission Risk. *Production & Operations Management*, November 2018, Vol. 27, No. 11, pp. 2038-2053. Winner of the **Best Paper Award**, Special Interest Group on IT in Healthcare of the Association for Information Systems, August 2019 (with Z. Zheng & J-h. Oh).
14. The Impact of Health Information Sharing on Duplicate Testing. *MIS Quarterly*, December 2017, Vol. 41, No. 4, pp. 1083-1104 (with S. Ayabakan, K. Kirksey, and Z. Zheng). **Cited in the 2019 Federal Register, 21<sup>st</sup> Century Cures Act: Interoperability, Information Blocking, and the ONC Health IT Certification Program.** <https://www.govinfo.gov/content/pkg/FR-2019-03-04/pdf/2019-02224.pdf>. Cited in an ONC brief on Health IT.
15. Healthcare Outcomes, Information Technology, and Medicare Reimbursements: A hospital-level analyses, *International Journal of Electronic Healthcare*, 2017, Vol. 9, No. 2, pp. 129-156 (with D. Saifee).
16. Antecedents of Patient Health Outcomes in Dialysis Clinics: A national study. *Journal of Centrum Cathedra: Business & Economics*, 2017, Vol. 10, No. 1, Special issue on “Business Performance Management under Uncertain Conditions” (with C. Bao).
17. A Predictive Model for Readmissions of Patients with Congestive Heart Failure: A multi-hospital study. *Information Systems Research*. March 2015, Vol. 26, No. 1, pp. 19-39. Runner-up Award for **Best Paper of 2015** (with J-h. Oh, K. Kirksey, Z. Zheng).
18. Information Technology and Quality and Cost of Healthcare: A Longitudinal Study of US Hospitals. *Decision Support Systems* May 2013, Vol. 55, No. 2, pp. 438-449 (with M. Thouin).

## II. BUSINESS VALUE OF INFORMATION TECHNOLOGY

19. How do Investments in R&D and Information Technology interact on Firm Performance? *Journal of Entrepreneurship and Innovation Management*, Vol. 6, No. 2, pp. 173-200.
20. IT-enabled Manufacturing Capabilities and Plant Profitability: New mechanisms and evidence. *MIS Quarterly*, March 2017, Vol. 41, No. 1, pp. 189-205 (with S. Ayabakan and Z. Zheng).

21. Business Value of Information Technology: Testing the Interaction Effect of IT and R&D on Tobin's Q. *Information Systems Research*, December 2013, Vol. 24, No. 4, pp. 1147-1161 (with V. Krishnan and S. Lin).
22. Team Dispersion, Information Technology, and Project Performance. *Production & Operations Management*, Nov. – Dec. 2013, Vol. 22, No. 6, pp. 1478-1493 (with V. Krishnan and S. Lin).
23. Information Technology and Firm Profitability: Mechanisms and Empirical Evidence. *MIS Quarterly*, 2012, Vol. 36, No. 1, pp. 205-224 (with S. Mithas, A. Tafti, and J.M. Goh).  
**Winner of the CIONET European Research Paper of the Year Award, 2013.**
24. The Benefits of IT Investments: How CEOs should allocate their Discretionary Spending. *MIT Sloan Mgmt. Review*, Spring 2012, Vol. 53, No. 3 (with S. Mithas, A. Tafti, and J.M. Goh).
25. Research Perspectives on Innovation through Information Technology Management in a Networked World. *Information Technology & Management*, Sep. 2008, Vol. 9, No. 3, pp. 147-148 (with A. Gupta and P. Tallon).
26. Project Performance and the Enabling Role of Information Technology: An Exploratory Study on the Role of Alignment. *INFORMS Manufacturing & Service Operations Management*, Fall 2007, Vol. 9, No. 4, pp. 579-595 (with V. Krishnan and S. Lin).
27. Performance Impacts of Strategy, Information Technology Applications, and Business Process Outsourcing in U.S. Manufacturing Plants. *Production and Operations Management*, 2007, Vol. 16, No. 6, pp. 747-762 (with S. Mithas and S. Lin).
28. Toward a Theory to Study the Use of Collaborative Product Commerce for Product Development. *Information Technology and Management*, Vol. 8, No. 2, April 2007, pp. 167-184.
29. Understanding the Impact of Collaboration Software on Product Design and Development. *Information Systems Research*, December 2006, Vol. 17, No. 4, pp. 352-373 (with R. Banker and O. Asdemir).
30. Information Technology, Production Process Outsourcing and Manufacturing Plant Performance. *Journal of Management Information Systems*, Vol. 23, No. 2, Fall 2006, pp. 13-40 (with J. Whitaker and S. Mithas).
31. Plant Information Systems, Manufacturing Capabilities and Plant Performance. *MIS Quarterly*, Vol. 30, No. 2, pp. 315-337, June 2006 (with R. D. Banker, H. Chang, and S. Lin).

### III. INFORMATION TECHNOLOGY SERVICE MANAGEMENT

32. Reconfiguring for Agility: Examining the Performance Implications of Project Team Autonomy through an Organizational Policy Experiment (with N. Ramasubbu). *MIS Quarterly*, December 2021, Vol. 45, No. 4, pp. 2261-2280.
33. Information Technology Project Portfolio Optimization: A Risk Management Approach to Software Development Governance. *IBM Journal of Research & Development* (formerly *IBM Systems Journal*), Vol. 54, No. 2, Spring 2010 (with R. Kauffman and S. Naranpanawe).
34. An Inter-disciplinary Perspective on IT Services Management and Services Science.

**Lead article** in *Journal of Management Information Systems*, Spring 2010, Vol. 26, No. 4, pp. 13-64 (with H. Demirkan, P.K. Kannan, R. Kauffman, and R. Sougstad).

35. Introduction to the Special Section: Service Science in Electronic Commerce. Special Issue of *International Journal of Electronic Commerce*, Spring 2010, Vol. 14, No. 3, pp. 5-10 (with R. Kauffman, P.K. Kannan, H. Demirkan).
36. Prioritization of a Portfolio of Information Technology Projects. *Journal of Management Information Systems*, Vol. 21, No. 2, pp. 33-60, Fall 2004 (with R. Sougstad and S. Bagchi).
37. "Empirical Analysis of Information Technology Investment Portfolios" in *Economics, Information Systems, and Electronic Commerce Research: Empirical Methodologies*, Chapter 4 in *Advances in Management Information Systems Series*, R. Kauffman and P. Tallon (editors), M.E. Sharpe Publishers, Armonk, NY, 2008, pp. 132-158 (with R. Sougstad).

#### IV. OPERATIONS RESEARCH

38. A Simulation Study of Joint Uses of Data Envelopment Analysis and Statistical Regressions for Production Function Estimation and Efficiency Evaluation. *Journal of Productivity Analysis*, Vol. 9, No. 3, pp. 249-278, 1998 (with W. W. Cooper and S. C. Kumbhakar).
39. New Uses of Data Envelopment Analysis and Statistical Regressions for Production Function Estimation and Efficiency Evaluation - with Illustrative Applications to Public Schools in Texas. *Annals of Operations Research*, Vol. 66, pp. 255-277, 1996 (with V.L. Arnold, W. W. Cooper, and S. C. Kumbhakar).
40. "Primal and Dual Optimality in Computer Codes Using Two-Stage Solution Procedures in Data Envelopment Analysis" in *Operations Research: Methods, Models and Applications*, Jay Aronson and Stan Zionts (editors), Chapter 5, 57-96, Quorum Books, Westport, CT, 1997 (with Victor Arnold, William W. Cooper, and A. Gallegos).
41. "A Two-Stage Data Envelopment Analysis Approach for Identifying and Rewarding Efficiency in Texas Public Schools" in *IMPACT: How IC<sup>2</sup> Research Affects Public Policy and Business Markets*, W.W. Cooper, S. Thore, D. Gibson, and F. Phillips (editors), Chapter 8, pp. 131-166, Quorum Books, CT. 1997 (with V. Arnold and William W. Cooper).
42. A Note on Returns-to-Scale in Data Envelopment Analysis. *European Journal of Operational Research*, Vol. 88, pp. 583-585, 1996 (with R. D. Banker and William W. Cooper).
43. Models and Measures for Efficiency Dominance in Data Envelopment Analysis: Additive Models and MED Measures. *Journal of the Operations Research Society of Japan*, Vol. 39, No. 3, pp. 322-332, 1996 (with W. Bowlin, W. W. Cooper, and T. Sueyoshi).
44. Models and Measures for Efficiency Dominance in Data Envelopment Analysis: Free Disposal Hull and Russell Measure Approaches. *Journal of the Operations Research Society of Japan*, Vol. 39, No. 3, pp. 333-344, 1996 (with W. Bowlin, W. W. Cooper, and T. Sueyoshi).
45. A Weighted Least Squares Approach to Computer Simulation Factor Screening. *Operations Research*, Vol. 43, No. 5, pp. 792-806, 1995 (with D. J. Morrice).



## V. ACCOUNTING & CONTROL

46. The Effect of Audit Committee Financial Expertise on Earnings Management Tactics in the Post-SOX Era. March 2024. *Advances in Accounting*, Vol. 64 (with H. Xia, S. Lin, and S. Li).
47. Internal Audit Function and the Precision and Accuracy of Management Forecasts. 2023. *Journal of Management and Governance*, Vol. 27, pp. 1339-1365 (with S. Lin and L. Hao).
48. Firm Characteristics and the Disclosure of Material Weaknesses in Family Firms, *Accounting Horizons*, March 2015, Vol. 29, No. 1, pp. 41-60 (with S-L. Wu & S. Lin).
49. The Role of the Internal Audit Function in the Disclosure of Material Weakness Disclosures. *The Accounting Review*, Vol. 86, No. 1, January 2011 (with S. Lin, M. Pizzini, and M. Vargus).
50. The Impact of Activity-Based Costing on Manufacturing Plant Performance. **Lead article** in *Accounting, Organizations and Society*, Vol. 33, No. 1, 2008, pp. 1-19 (R. Banker and T. Chen).

## UNDER REVIEW

1. Care Now or Pay Later? A Personalized Recommendation Approach for Value-based Healthcare (with W. Wen and TJ Guo). *Information Systems Research*, February 2024, Revise and resubmit for 2<sup>nd</sup> round review.
2. Can Information Sharing Reduce Diagnostic Bias? Evidence from a Health Information Exchange (with M. Yuan and W. Wen). *Management Science*, April 2024, Revise and resubmit for 2<sup>nd</sup> round review.
3. Paving a Digital Future toward Human-centric Healthcare Research. *Information Systems Research*, Editorial (with R. Kohli, A. Mishra, E. Oborn, S. Sarker, C. H. Tan, & M. Tremblay).
4. Hospital Productivity and Value: DEA and Malmquist Index Models for Performance Measurement. *Health Systems*, July 2023, Under 2<sup>nd</sup> round review (with C. Bao).
5. Risk-Taking Incentives and Performance Implications of Value-based Healthcare: Evidence from Accountable Care Organizations. *Accounting Organizations, and Society*, March 2024, Revise and resubmit for 2<sup>nd</sup> round review (with S. Ayabakan, M. Tripathi, and R. Banker).

## WORKING PAPERS

1. Sectoral Heterogeneity in Interlocking Boards: Impact on Productivity, Innovation and Market Value (with A. Barua and V. Sharma). *Working Paper*, 2022.
2. Do Patient Navigators Improve Health Outcomes? Evidence from an Accountable Care Organization (with J. Qu, R. Sharman, and Y. Sun). *Working Paper*, 2024.
3. Wearable Device Use, Patient Engagement and Health Outcomes: Prototype of a mhealth technology platform (with G. Clifford, M. Basit, D. Willett, H. Taylor, and TJ Guo). *Working Paper*, 2024.

## BUSINESS PRESS

1. Measuring Bang for Value-based Care Bucks.  
<https://medium.com/texas-mcombs/measuring-bang-for-value-based-care-bucks-180283590c73>
2. Virtual Health Care is not Always the Answer.  
<https://medium.com/texas-mcombs/virtual-health-care-is-not-always-the-answer-c4efc8327975>
3. Picking a Physician? Don't Rely on Online Reviews.  
<https://medium.com/texas-mcombs/picking-a-physician-dont-rely-on-online-reviews-293860fd0e9e>  
[https://www.utdallas.edu/news/business-management/online-reviews-of-physicians-2020/?WT.mc\\_id=NewsHomePageCenterColumn](https://www.utdallas.edu/news/business-management/online-reviews-of-physicians-2020/?WT.mc_id=NewsHomePageCenterColumn)
4. Patients who use Doctors' Online Portals stay Healthier. June 2020  
[https://www.eurekaalert.org/pub\\_releases/2020-06/uota-pwu060320.php](https://www.eurekaalert.org/pub_releases/2020-06/uota-pwu060320.php)
5. Portals to Wellness. June 2020. <https://medium.com/texas-mcombs/portals-to-wellness-d78e3322f04e>
6. ACOs not Scaling Well, but Health IT helps, *Hospital EMR & EHR*, March 13, 2017,  
<http://www.hospitalemr.com/tag/indranil-bardham/>
7. As ACOs get Bigger, they become less Efficient, *Healthcare IT News*, March 10, 2017,  
<http://www.healthcareitnews.com/news/study-acos-get-bigger-they-become-less-efficient>
8. Can Patient Portals Reduce Readmission Risk? An exploratory study, *Readmissions News*, Vol. 5, No. 9, September 2016, pp. 1-3.
9. Uncharted Readmission Research. <http://www.rcmanswers.net/uncharted-readmissions-research/>.  
*Revenue Cycle Management in Healthcare*, March 2015.
10. Q&A with Indranil Bardhan. *Texas Tribune*. <http://www.texastribune.org/2015/06/08/q-indranil-bardhan/> June 2015.
11. Clearly Productive: Research using the CLEAR index finds effectiveness just as important as efficiency in improving productivity. *Optimize*, Issue 39, January 2005 (with Vish Krishnan).  
<http://www.optimize.com/article/showArticle.jhtml?articleId=56200370>
12. Excellence and Efficiency in Texas public schools. *Texas Business Review*, 1994 (with W.W. Cooper and V. Arnold), pp 5-7.

## TEACHING

Dr. Bardhan has developed and taught two new courses on “*Digital Health Innovation*” and “*Systems Design and Population Health*” for McCombs MBAs and Dell Medical School students, respectively. He is developing a new course on “AI and Digital Transformation” for full-time MBA students to be offered starting in Spring 2025. He has taught the core “Strategies for Digital Transformation” course

in the Dallas MBA program as well as core and elective courses in the full-time MBA and undergraduate programs at McCombs.

### UT AUSTIN (2018 - present)

- **MIS 281N: AI for Digital Transformation.** MBA elective course that provides essential knowledge of the strategic frameworks and methodologies for AI-enabled digital transformation. Students will gain working knowledge on how to apply AI methods to understand critical business and strategic issues around the use of digital technologies in organizations. Emphasizes the use and potential for generative AI and large language model solutions to guide successful implementation of AI-enabled strategies in different industries.
- **MIS 381N: Strategies for Digital Transformation.** MBA elective course that integrates concepts and principles from different disciplines; focuses on how digitization and new types of IT-enabled business models impacts firm competition and enables industry transformation. This course is intended for full-time students in the MBA and MS programs.
- **BA 380C: Strategies for Digital Transformation.** MBA elective course that integrates concepts and principles from different disciplines; focuses on how digitization and new types of IT-enabled business models impacts firm competition and enables industry transformation. This course is intended for working professional students in the Dallas MBA program.
- **MIS 382N: Digital Health Innovation.** Graduate elective course which focuses on product and process innovations in the healthcare industry driven primarily by advances in information technology. The objectives are to help for MBA and MS students understand innovation within the healthcare value chain, develop technology strategies to foster innovation, and evaluate how new types of IT can disrupt the healthcare delivery lifecycle.
- **HCT 390: Systems Design and Population Health.** Graduate course in the *MS in Healthcare Transformation* joint degree program between UT Dell Medical School and McCombs School of Business. The focus is on helping students understand the role of information technology to support population health management and value creation by healthcare providers, payers, and policy makers.
- **MIS 375: Strategic Information Technology Management.** Core course for undergraduate MIS majors. This course focuses on the strategic use of information technology and is intended for students who want to manage and compete in technology-intensive businesses.

### UT DALLAS (2001 – 2018)

Dr. Bardhan led a joint UTD-UTSW collaboration to develop the first course on electronic health record applications to hands-on experience in the use of EPIC software. He served as the Founding Academic Director of the *Graduate Certificate in Health Information Technology* from 2012 to 2017. He has taught a variety of classes ranging from business analytics to IT management, software project management, healthcare information technologies, and a PhD course on empirical information systems research.

### EXECUTIVE EDUCATION

Co-taught the core course on “*Healthcare Information Management and Technology*” in the Executive MBA program in the UTD-UTSW Alliance for Medical Management Education executive program.

- **Healthcare Information Management and Technology** (Healthcare Exec. MBA), 2009 - 2017.

## PROFESSIONAL EXPERIENCE

**PRICEWATERHOUSECOOPERS CONSULTING, BOSTON:** 1997 – 2001.

- *Principal Consultant*, Strategic Change Consulting Division and Advanced Technology Group (formerly part of Coopers and Lybrand Consulting).

**MANAGEMENT SCIENCE ASSOCIATES, PITTSBURGH:** 1995-1997.

- *Project Manager*.

## INDEPENDENT CONSULTING

- Consulted with senior executives of leading software and high technology companies on a variety of IT research and consulting engagements. Clients include Microsoft, SAP, IBM, and MatrixOne.
- Consulted and conducted research with leading healthcare organizations, including Anthem and UT Southwestern Medical Center.

## CONFERENCE PRESENTATIONS & PROCEEDINGS (2001 – present)

1. Can Private Equity Improve Healthcare Value? *Workshop on Information Systems and Economics*, Bangkok, Thailand, 2024.
2. Managerial Ability and Risk-based Reimbursement: The Role of Hospital Information Integration. *Workshop on Information Systems and Economics*, Bangkok, Thailand, 2024.
3. Can Health Information Sharing Reduce Racial Disparities in Physician Diagnoses? *Proceedings of the International Conference on Information Systems*, December 2024, Bangkok, Thailand.
4. Care Now or Pay Later? A Personalized Recommendation Approach for Value-based Healthcare. *Conference on Information Systems and Technology (CIST)*, October 2024, Seattle, WA.
5. Predicting ICU Length of Stay: A Graph Learning-based Explainable AI Approach. *Thirty-third Workshop on Information Technologies and Systems*, Hyderabad, India, 2023.
6. Can Information Sharing Reduce Diagnostic Disparity? Evidence from a Health Information Exchange. **IS Cluster Best Paper Award**, INFORMS Annual Meetings, Phoenix, November 2023; *Workshop on Information Systems and Economics*, Hyderabad, India, 2023; *Conference on Health IT and Analytics*, May 2024, Washington DC; *Twentieth Statistical Challenges on Electronic Commerce Research*, June 2024, Lisbon, Portugal.
7. Preventive Care Now or Pay Later? A Personalized Medicine Approach for Care Management. *Conference on Information Systems and Technology (CIST)*, October 2023, Phoenix, AZ; *Proceedings of the International Conference on Information Systems*, December 2023, Hyderabad, India; *Conference on Health IT and Analytics*, May 2024, Washington DC.

8. Balancing Patient Convenience and Healthcare Costs: A personalized recommendation approach using reinforcement learning. *Conference on Health IT and Analytics*, May 2023, Washington DC; *Nineteenth Statistical Challenges on Electronic Commerce Research*, June 2023, Bogota, Colombia.
9. Can Information Sharing Reduce Diagnostic Bias? Evidence from a Health Information Exchange. *Conference on Health IT and Analytics*, May 2023, Washington DC; *Nineteenth Statistical Challenges on Electronic Commerce Research*, June 2023, Bogota, Colombia; June 2024, Lisbon.
10. Do Patient Navigators Improve Health Outcomes? *Conference on Health IT and Analytics*, May 2023, Washington DC.
11. Do Accountable Care Organizations Deliver High-Value Healthcare? *Nineteenth Statistical Challenges on Electronic Commerce Research*, June 2023, Bogota, Colombia; *Conference on Information Systems and Technology (CIST)*, October 2023, Phoenix, AZ.
12. Do Accountable Care Organizations Create Value? Hype or Hope. Invited presentation at the *HIMSS22 Annual Meetings*, Orlando, March 2022.
13. COVID-19 and ER Admission Risk: Role of social determinants of health. *Conference on Health IT and Analytics*, March 2022, Washington DC.
14. Drivers of Value in Healthcare: Sourcing of electronic health records and practice integration. *Conference on Health IT and Analytics*, March 2022, Washington DC.
15. Predicting ICU Length of Stay Using Deep Learning: An Explainable AI Approach. *Conference on Health IT and Analytics*, March 2022, Washington DC. *Workshop on Explainable AI in Health*, WWW2022, April 2022. *INFORMS Conference for Information Systems and Technology (CIST)*, October 2022, Indianapolis.
16. Performance of Accountable Care Organizations: Effective information technology use and quality-efficiency trade-offs. *INFORMS Conference for Information Systems and Technology (CIST)*, October 2021, Newport Beach, CA.
17. Predicting ICU Length of Stay Using Artificial Intelligence. *INFORMS Conference for Information Systems and Technology*, November 2020; *Conference on Health IT and Analytics*, October 2020; *INFORMS Healthcare Conference*, July 2021; *Workshop on Information Systems and Economics*, Austin, December 2021.
18. Strength of Weak Ties in Interlocking Boards: Impact on Firm Market Value and Productivity. *Sixteenth Statistical Challenges on Electronic Commerce Research*, June 2020, Madrid, Spain; *Workshop on Information Systems and Economics*, Hyderabad, India, December 2020.
19. Reconfiguring for Agility: Examining the Performance Implications of Project Team Autonomy through an Organizational Policy Experiment. *Conference on Digital Economy* (Hosted by Indian School of Business), December 2019, Kolkata, India.
20. What Drives Performance of Accountable Care Organizations: Learning or Selection Effects? Presented at the *INFORMS Conference on Information Systems and Technology*, November 2020; *INFORMS Healthcare Conference*, July 2019, Cambridge, MA; Runner-up Award for **Best**

**Conference Paper**, *Tenth Annual Conference on Health IT and Analytics*, November 2019, Washington DC.

21. Impact of Telehealth on Healthcare Utilization: Mechanisms and Empirical Evidence. *AcademyHealth Annual Research Meeting*, June 2019, Washington, DC.
22. Physician Quality Reporting and Online Patient Perception. *Proceedings of the Thirty-ninth International Conference on Information Systems*, San Francisco, December 2018; *INFORMS Conference on Information Systems and Technology*, Phoenix, November 2018; *Proceedings of the Fifty-second Hawaii International Conference on Information Systems*, Hawaii, January 2019.
23. Antecedents and Outcomes of Health Information Sharing: Role of EMR Sourcing. *Proceedings of the Thirty-ninth International Conference on Information Systems*, San Francisco, December 2018; *Ninth Annual Conference on Health IT and Analytics*, October 2018.
24. The Impact of Telehealth on Healthcare Resource Utilization. *Ninth Annual Conference on Health IT and Analytics*, October 2018. *Workshop on Information Systems and Economics*, San Francisco, December 2018.
25. Readmission Risk Factors of CABG surgery: The role of hospital and surgeon workload. Accepted for presentation at the *Annual Manufacturing & Service Operations Management conference*, Dallas, July 2018.
26. Did the Hospital Readmission Reduction Program Achieve the Goals of Triple Aim? Evidence from North Texas. *Proceedings of the Twenty-Second Pacific Asia Conference on Information Systems*, Yokohama, Japan, 2018.
27. Measuring the Relative Performance of Accountable Care Organizations, *Proceedings of the Thirty-eighth International Conference on Information Systems*, Seoul, South Korea, December 2017; *Eight Annual Conference on Health IT and Analytics*, November 2017, Washington, DC; *INFORMS Conference on Information Systems and Technology*, Houston, October 2017; *Cornell Hospitality, Health & Design Symposium*, Ithaca, NY, October 2016, and *HIMSS Population Management Forum*, Boston, April 2017.
28. Do Online Reviews of Physicians reflect Healthcare Outcomes? *Workshop on Information Systems and Economics*, Seoul, December 2017; **Best Student Paper Award**, *Eighth Annual Conference on Health IT and Analytics*, November 2017, Washington, DC; **Best Paper Award**, *International Conference for Smart Health*, Hong Kong, June 2017.
29. Demystifying Online Reviews of Physicians: Measuring Physician Quality, *INFORMS Conference on Information Systems and Technology*, Nashville, November 2016.
30. What drives patient readmissions? The role of telehealth and latent health status, *Proceedings of the Thirty-seventh Intl. Conference on Information Systems*, Dublin, Ireland, December 2016.
31. Configuring Distributed Software Development Projects: Examining Multidimensional Contingencies and Equifinality, *INFORMS Conference on Information Systems and Technology*, Nashville, November 2016.
32. Does Usage of Patient Portals Improve Health Outcomes? An exploratory study, *Seventh Annual Workshop on Health IT and Economics*, October 2016, Washington, DC. *Workshop on*

*Information Systems and Economics*, Dublin, Ireland, December 2016. Invited presentation at the *HIMSS Population Health Management Forum*, Boston, April 2017.

33. Patient Engagement Analytics: The role of telehealth, *Healthcare Analytics* conference, Chicago, July 2016. <http://www.healthdatamanagement.com/news/portals-linked-to-lower-rates-of-hospitalization-readmission?feed=00000154-0acb-d9ec-a7f4-2eff04410000>
34. One Size Fits All? A study of Patient Readmissions using Healthcare Analytics, *Second UT Austin Workshop on Social and Business Analytics*, Austin, TX, April 2016.
35. Healthcare Outcomes, Information Technology, and Medicare Reimbursements: A hospital-level analyses, *Sixth Annual Workshop on Health IT and Economics*, October 2015, Washington, DC.
36. The Effect of Operational Practices on the Outcomes of Cardiothoracic Surgery, *Third INFORMS Healthcare Conference*, Nashville, TN, July 2015. Also, presented at the *Texas Quality Initiative Quality and Research* committee meeting, Irving, TX, October 2015.
37. Keynote Speaker on “Big Data Analytics”, Institute of Management Accountants DFW Chapter Meeting, University of North Texas, Dallas, September 2015.
38. Is There More to IT than Productivity? The impact of IT on tangible and intangible measures of firm performance. *Ninth Information Systems Symposium*, Indian School of Business, Hyderabad, January 2015.
39. The Impact of Patient Health Insurance Coverage and Latent Health Status on Hospital Readmissions, *Workshop on Information Systems and Economics*, Auckland, New Zealand, December 2014; *Fifth Annual Workshop on Health IT and Economics*, October 2014, Alexandria, VA, and at *Third INFORMS Healthcare Conference*, Nashville, TN, July 2015.
40. Measuring the Impact of Electronic Patient Portals on Patient Health, *Fifth Annual Workshop on Health IT and Economics*, October 2014, Alexandria, VA. Also presented at the *Sixth Regional HIMSS Conference*, February 2015, Austin, TX.
41. Can Health Information Sharing Reduce Duplicate Testing? A Longitudinal Analysis of Patient Switching Behavior across Multiple Hospitals, **Runner-up Award for Best Conference Paper**, *Thirty-fifth Intl. Conference on Information Systems*, Auckland, New Zealand, Dec. 2014; Presented at the *INFORMS Conference on Info. Systems and Technology*, Minneapolis, October 2013; *UT Clinical Safety and Effectiveness Conference*, San Antonio, TX, September 2013; *Fourth Annual Workshop on Health Information Technology and Economics*, November 2013, Washington DC; *Texas Regional HIMSS Conference*, Dallas, TX, April 2014.
42. Antecedents and Outcomes of Global Product Development: The Role of Information Technology on Product Innovation, *Workshop on Service Science*, Indian School of Business, Hyderabad, July 2014.
43. Patient Migration and Duplicate Procedures: A Longitudinal Study of Congestive Heart Failure Patients in Texas, *Second INFORMS Healthcare Conference*, Chicago, IL, June 2013.
44. Hospital Characteristics, Health Information Technology, and Stage One Meaningful Use, *Second INFORMS Healthcare Conference*, Chicago, IL, June 2013; *Fifth Annual Workshop on Health Information Technology and Economics*, Alexandria, VA, 2014.

45. Quicker and Sicker? Length of Stay, Readmission Risk, and the Role of Health Information Technology. **Finalist for Best Paper Award**. Proceedings of the *Seventeenth INFORMS Conference on Information Systems and Technology*, Phoenix, AZ, October 2012. Also, presented at the *Third Annual Workshop on Health Information Technology and Economics*, October 2012, Washington DC.
46. Modeling Patient Migration Behavior for Congestive Heart Failure Readmissions, the *INFORMS Annual Conference*, October 2012, Phoenix, AZ.
47. The Impact of IT-enabled Manufacturing Capabilities on Plant Profitability: New Models and Evidence. Proceedings of the *Thirty-third International Conference on Information Systems*, Orlando, December 2012.
48. A Predictive Model for Readmissions of Patients with Congestive Heart Failure: A multi-hospital study, Proceedings of the *Thirty-second International Conference on Information Systems*, Shanghai, December 2011. *Second Annual Workshop on Health Information Technology and Economics*, October 2011, DC; *Conference on Information Systems and Technology*, INFORMS, Charlotte, November 2011; and the *University of Utah Business Intelligence Conference*, Salt Lake, March 2012.
49. Determinants of Manufacturing Performance: The role of operational and supply chain capabilities, *Workshop on Information Systems and Economics*, Shanghai, December 2011.
50. A Profiling Model for Readmission of Patients with Congestive Heart Failure: A Multi-Hospital Study. *INFORMS Healthcare Conference*, June 2011, Montreal, Canada.
51. Information Technology and the Quality and Cost of Healthcare: A Study of US Hospitals. *Proceedings of the Second Symposium on Healthcare Advancements in Research and Practice*, Minnesota State University, Moorhead, MN, April 2011
52. Investigating Complementary Effects of R&D and Information Technology on Firm Market Value, *Workshop on Information Systems and Economics*, St. Louis, December 2010
53. Productivity of US Manufacturing Plants: The role of operational efficiency. Invited paper at the *INFORMS Annual Meetings*, November 2010, Austin, TX.
54. Internal Control Quality of Family Firms. *Proceedings of the 2010 AAA National Conference*, August 2010, San Francisco, CA.
55. Information Technology and Firm Risk: New Evidence from Recent Data *Proceedings of the Fourth International Symposium on Information Systems*, Indian School of Business, January 2010, Hyderabad, India.
56. The Effect of Information Systems on the Quality and Cost of Healthcare: A Longitudinal Study of US Hospitals. *Proceedings of the Thirtieth International Conference on Information Systems*, Phoenix, AZ, December 2009.
57. Project Team Co-location and Performance: The Moderating Role of Information Technology. *POMS 2009 Annual Meetings*, May 2009, Orlando, FL.



58. Global Product Development: Antecedents and Outcomes. *POMS 2008 Annual Meetings*, May 2008, La Jolla, CA.
59. R&D, Information Technology and Firm Performance. *POMS Product Innovation and Technology Management conference*, May 2008, University of California, La Jolla, CA
60. An Investigation of Internal Audit Characteristics and Material Weakness Disclosures. *Proceedings of the 2008 AAA National Conference*, August 2008, Anaheim, CA.
61. An Investigation of Internal Audit Characteristics and Material Weakness Disclosures. *Proceedings of the 2008 AAA Auditing Conference*, January 2008, Austin, TX.
62. An Investigation of Internal Audit Characteristics and Material Weakness Disclosures. *Proceedings of the 2008 AAA Management Accounting Section Meeting*, January 2008, Long Beach, CA.
63. Resolving the Profitability Paradox of Information Technology: Mechanisms and Empirical Evidence, *Workshop on Information Systems and Economics*, December 2007, Montreal, Canada.
64. Process Capabilities and Information Work Productivity: The Enabling Role of Information Technology. *Proceedings of the Twenty-seventh Annual International Conference on Information Systems*, Milwaukee, WI, December 2006, **Finalist for Best Paper Award** (Social & Behavioral Information Systems track).
65. Antecedents of Business Process Outsourcing in Manufacturing Plants. *Proceedings of the Thirty Ninth Hawaii International Conference on Systems Sciences (HICSS-39)*, IEEE Computer Society, Los Alamitos, CA, January 2006.
66. Optimizing an Information Technology Portfolio with Time Dependencies: A Real Options Approach. *Proceedings of the Thirty Ninth Hawaii International Conference on Systems Sciences (HICSS-39)*, IEEE Computer Society, Los Alamitos, CA, January 2006.
67. Antecedents of Business Process Outsourcing in Manufacturing Plants. *Workshop on Information Systems and Economics*, December 2005, Irvine, CA.
68. The Business Value of Integrating Product Development with Supplier Management Processes. *Proceedings of the 36<sup>th</sup> Annual Meetings of the Decision Sciences Institute*, San Francisco, CA, November 2005.
69. Project-Technology Co-Alignment and its Impact on Project Performance: An Empirical Study. *Proceedings of the Tenth INFORMS Conference on Information Systems and Technology*, San Francisco, CA, November 2005.
70. The Impact of Information Systems on Product Development: Evidence from Operational and Financial Performance Measures. *Proceedings of the Ninth INFORMS Conference on Information Systems and Technology*, Denver, October 2004, **Finalist for Best Paper Award**.
71. The Impact of Outsourcing of Manufacturing Functions on Manufacturing Plant Performance. *Proceedings of the Third Annual International Outsourcing Conference*, Fort Worth, TX, September 2004.

72. A Real Options Approach for Prioritization of a Portfolio of Information Technology Projects: A Case Study of a Utility Company. *Proceedings of the Thirty Seventh Hawaii International Conference on Systems Sciences (HICSS-37)*, IEEE Computer Society, Los Alamitos, CA, January 2004.
73. Impact of Manufacturing Practices on Adoption of Plant Information Systems. *Proceedings of the Twenty-fourth Annual International Conference on Information Systems*, Seattle, WA, December 2003. *Workshop on Information Systems and Economics*, Barcelona, Spain, December 2002.
74. Impact of Collaborative Product Commerce on Product Development. *Workshop on Information Systems and Economics*, New Orleans, LA, December 2001.

### INVITED RESEARCH SEMINARS

1. Carlson School of Management, University of Minnesota, Minneapolis, November 2005.
2. Haskayne School of Business, University of Calgary, Canada, March 2006, November 2010.
3. Mendoza School of Business, University of Notre Dame, Indiana, February 2007.
4. Indian School of Business, Hyderabad, India, July 2007.
5. Rady School of Management, University of California, San Diego, May 2008.
6. W.P. Carey School of Management, Arizona State University, October 2008.
7. Belk College of Business, University of North Carolina at Charlotte, February 2009.
8. McCombs School of Business, The University of Texas at Austin, April 2009.
9. Heinz College, Carnegie Mellon University, Pittsburgh, April 2009.
10. College of Management, Georgia Institute of Technology, March 2010.
11. Warrington College of Business, University of Florida, Gainesville, FL, February 2011.
12. Foster School of Business, University of Washington, Seattle, May 2012.
13. Robinson College of Business, Georgia State University, Atlanta, October 2012.
14. Dept. of Operations Research, College of Engineering, University of Texas at Austin, March 2013.
15. School of Management, State University of New York at Buffalo, April 2013.
16. University of Texas Health Science Center, School of Public Health, Houston, January 2014.
17. Merage School of Business, University of California, Irvine, May 2014.
18. Simon School of Business, University of Rochester, September 2014.
19. Eli Broad College of Business, Michigan State University, October 2015.
20. W.P. Carey School of Management, Arizona State University, February 2016.
21. Sam Walton College of Business, University of Arkansas, March 2016.
22. School of Business, University of Connecticut, April 2016.
23. Smith School of Business, University of Maryland, April 2016.
24. Hong Kong University of Science and Technology, June 2016.
25. Carey Business School, Johns Hopkins University, September 2016.
26. Mason School of Business, College of William and Mary, October 2016.
27. Warrington College of Business, University of Florida, Gainesville, FL, February 2017.
28. Eccles School of Business, University of Utah, March 2017.
29. Rotterdam School of Management, Erasmus University, Rotterdam, Netherlands, May 2017.
30. HEC Paris, France, May 2017.
31. Fox School of Business, Temple University, September 2017.
32. School of Business, George Washington University, November 2017.
33. McCombs School of Business, The University of Texas at Austin, November 2017.
34. Tippie College of Business, University of Iowa, December 2017.
35. Goizueta School of Business, Emory University, February 2019 (Hightower lecture).
36. Gies College of Business, University of Illinois at Urbana Champaign, April 2019.

## INDRANIL R. BARDHAN

37. Carroll School of Management, Boston College, May 2019.
38. College of Business Administration, UT San Antonio, September 2019 (AT&T Distinguished Lecture).
39. Foster School of Business, University of Washington, October 2020.
40. Carlson School of Management, University of Minnesota, Minneapolis, October 2020.
41. Dept. of Operations Research, Cockrell School of Engineering, University of Texas at Austin, February 2021.
42. McCombs School of Business, School-wide Research Seminar, March 2021.
43. Temple University, Fox School of Business, September 2021.
44. University of California, Davis, October 2022.
45. W.P. Carey School of Management, Arizona State University, March 2023.
46. Bauer College of Business, University of Houston, April 2023.
47. The University of Texas at Austin, Public Health Coalition Research Seminar, April 2023.
48. Questrom School of Business, Boston University, May 2023.
49. School of Business, University of Delaware, October 2023.
50. Carey School of Business, Johns Hopkins University, November 2023.
51. Warrington College of Business, University of Florida, Gainesville, FL, February 2024.
52. School of Business, George Washington University, May 2024.
53. Eller College of Management, University of Arizona, October 2024.
54. Herbert School of Business, University of Miami, November 2024.

### **RECENT INVITED TALKS (for Practitioners)**

1. Texas Health Information Technology Summit, Texas Health Quality Institute, Dallas, April 2010, September 2011, December 2012.
2. DFW Hospital Council Research Foundation Patient Safety Summit, Hurst, TX, August 2012.
3. Health Information Management Systems Society Annual Meeting, April 2016 (Boston), March 2022 (Orlando).
4. McCombs School of Business, Dean's Panel on Future of Healthcare, February 2021 (attended by more than 1,700 attendees).
5. Knowledge to Go Webinar series, McCombs Alumni Network, Austin, November 2023.
6. Keynote Speaker, McCombs Supply Chain Advisory Council, Austin, November 2023.
7. McCombs School of Business, Dean's Panel on Future of Healthcare, Federal Reserve Bank of Houston, February 2024.
8. Panelist, AI and Health – Texas Global, Tec de Monterrey, Board of Advisors meeting, Austin, May 2024.
9. Moderator, Pediatric (Peds) Cardio AI Conference, Austin, September 2024.

### **DOCTORAL & POST-DOC ADVISING**

Chaired or supervised as committee member for more than ten doctoral students.

#### UT AUSTIN

- Tianjian Guo (Chair), Ph.D. in Information Systems, 2025.
- Minghong Yuan (Co-chair), Ph.D. in Information Systems, expected 2027.

#### UT DALLAS

- Jeong-ha (Cath) Oh, Post-doctoral Associate, The University of Texas at Dallas, 2010-12.

## INDRANIL R. BARDHAN

Placement: Assistant Professor, Georgia State University, Dept. of Computer Information Systems, Robinson College of Business, Atlanta.

### Dissertation Chair:

- Chenzhang Bao, Ph.D. in Information Systems, Summer 2019.  
Placement: Assistant Professor, Oklahoma State University, Oklahoma.
- Sezgin Ayabakan, Ph.D. in Information Systems, Summer 2014.  
Initial Placement: Assistant Professor, University of Baltimore, Maryland.  
Current placement: Temple University, Philadelphia, Pennsylvania.
- Jingyun Li, Ph.D. in Operations Management, Summer 2015.  
Placement: Assistant Professor, California State University Stanislaus, California.
- Gokcen Arkali, Ph.D. in Operations Management, Summer 2009.  
Placement: Assistant Professor, Prairie View A&M University, TX.

### Dissertation Committee member:

- Danish Saifee, PhD in MIS at the University of Texas at Dallas, August 2018.  
Placement: University of Alabama, Tuscaloosa.
- Ruba Aljafari, PhD. in MIS at University of Arkansas, 2017. Placed at University of Pittsburgh.
- Jorge Romero, PhD. in MIS, 2005, Placed at Towson University, MD.
- Ulku Yaylacicegi, PhD. in MIS, 2005, Placed at University of North Carolina, Wilmington.
- Iny Hwang, PhD. in Accounting, December 2005, Placed at Drexel University, PA.
- Arindam Tripathy, PhD. in Accounting, 2006, Placed at State University of New York, Albany.
- Shu-ling Wu, 2011, PhD. in Accounting, Placed at National Taiwan University, Taiwan.

## PROFESSIONAL ACTIVITIES

- Conference Chair, *Fifteenth Annual Conference on Health IT and Analytics*, Austin, May 2025.
- Chair, *AIS Taskforce on Digitalization*, 2024. Led the development and roll out of the AIS shared values on digitalization to the AIS community.
- Faculty Mentor, *INFORMS ISR Paper Development Workshop*, Seattle, October 2024.
- Selection Committee, *Information Systems Society Distinguished Fellows Award*, 2024.
- Co-Chair, *Information Systems Society IT Teaching Innovation Workshop*, Austin, May 2024.
- Selection Committee, *Information Systems Society President's Service Award*, 2023.
- Faculty Mentor, *AIS Senior Scholars Mentoring Committee*, 2023-24.
- Best Paper Awards Committee, *Workshop on Information Systems and Economics*, 2022, Copenhagen.
- Faculty Mentor, *MIS Quarterly Scholar Academy*, 2022.
- Co-chair, *Workshop on Information Systems and Economics*, 2021, Austin, TX.
- Track Chair, IS in Healthcare track, *International Conference on Information Systems*, December 2021, Austin, TX.
- Track Chair, Advances in Methods track, *International Conference on Information Systems*, December 2020, Hyderabad, India.

## INDRANIL R. BARDHAN

- Nunamaker-Chen Best Dissertation Award Committee, *INFORMS Information Systems Society*, 2020
- Faculty Mentor, Doctoral Consortium, *International Conference on Information Systems*, 2020, India (held in virtual mode).
- Faculty Mentor, Doctoral Consortium, *Conference on Health Information Technology and Analytics*, 2018, Washington DC.
- Associate Editor, Multiple *International Conference on Information Systems*, 2012 - 2019.
- Program Co-chair, *International Conference on Smart and Connected Health*, Hong Kong, 2017.
- Best Paper Review Committee, *Workshop on Information Systems and Economics*, 2022, Copenhagen, Denmark; 2017, Seoul, South Korea; 2016, Dublin, Ireland.
- Faculty Advisor, Doctoral Consortium, *Americas Conference on Information Systems*, San Diego, August 2016; New Orleans, August 2018.
- Faculty Advisor, *MISQ Author Development Workshop*, AMCIS, 2016; 2017; 2018.
- Faculty Advisor, *MISQ Reviewer Development Workshop*, ICIS, 2016; 2017; 2018; 2019.
- Member, *Association for Information Systems Task Force for Redesign of Journal of AIS* (2017).
- Co-chair, *Workshop on Information Systems and Economics*, 2015, Dallas, TX.
- Co-chair, *Tenth Annual Big XII Conference on Information Systems*, April 2012, Dallas, TX.
- Co-chair, *Workshop on Information Systems and Economics*, 2010, St. Louis, MO.
- Track Chair, *Asia Pacific Conference on Information Systems*, 2009, Hyderabad, India.
- Program Committee, Software Governance Track, *International Conference on Software Engineering*, 2008.
- Track Chair, Operations – IT Interfaces track, *POMS Annual Meeting*, 2007, Dallas, TX.
- Co-chair, *Tenth Annual INFORMS Conference on Information Systems and Technology*, 2005, San Francisco, CA. Program Committee member, *CIST* 2006 – 2020.

## UNIVERSITY SERVICE

### The University of Texas at Austin

- Chair, AI Business of Health Cluster Faculty Search Committee, McCombs School of Business & Dell Medical School, 2024-25.
- College-wide Promotion and Tenure Committee, McCombs School of Business, 2024-26.
- Member, UT University Research Policy Committee, 2023-2026.
- Chair, Third-year Faculty Review Committee, 2023-24.
- Co-advisor, Plan II Honors Thesis, 2024-25.
- Member, Search Committee for UT Vice President for Medical Affairs, 2021-22.
- Member, MBA Program Committee, McCombs School of Business, 2022-23.
- Executive Committee Member, Information, Risk, & Operations Management Department, McCombs School of Business, 2021-2023.
- Member, UT Public Health Working Group Committee, 2021 - 2023.
- Member, Machine Learning Lab Faculty Group, 2021 -
- Faculty Advisor, Health Innovation Fellows Society, McCombs School of Business, 2020-21 & 2021-22.

## INDRANIL R. BARDHAN

- Member, Undergraduate Business Analytics Major Committee, McCombs School of Business, 2020-21.
- Chair, Promotion and Tenure Committee, IROM Department, McCombs School of Business, 2019-20.
- Member, Information Systems Tenure-track hiring committee, McCombs School of Business, 2018-19 and 2019-20.
- Judge, AI Health Data Challenge (University-wide competition), UT Austin, May 2020.
- Member, Undergraduate Business Analytics Concentration committee, McCombs School of Business, 2018-19.
- Member, McCombs Business School Faculty Research Awards Committee, 2018-19.

### **The University of Texas at Dallas**

- Management Information Systems (MIS) **Area Coordinator**, Jindal School of Management, August 2014 – July 2017.
  - Responsibilities included coordinating the MIS area, including faculty hiring and evaluations, course scheduling, teaching assistantships, external outreach, student recruiting, and program assessment for the BS and MS in Information Systems, and MS in Business Analytics programs.
  - Managed the MIS area comprising of 30 full-time faculty, 20 adjunct faculty, 4 staff, and approximately 2,100 students.
  - Oversaw three-year, student enrollment growth of 30% in the MS in ITM program; 50% in the BS in ITS program; and 60% growth in student credit hours across 3 degree programs.
  - Launched the MS in Business Analytics degree in 2014, growing to more than 500 students in three years.
  - Increased faculty size by ten full-time faculty and twelve part-time faculty.
  - Introduced revamped curriculum in the BS and MS degree programs; launched new tracks in “Data Science” and “IT Security” in the MS program.
  - Managed nationally ranked graduate degree programs: MS in ITM program (#16 in 2016 *US News*) and MS in Business Analytics (#5 in 2016 *Value Colleges*; #7 in *Financial Engineer*).
- Academic Director, Graduate Certificate in Health Information Technology, 2012 – 2017.

### **COMMITTEE SERVICE**

Jindal School of Management (JSOM), The University of Texas at Dallas

- Chair, M.S. in Healthcare Management committee (2013 - 2017); Member (2008-2013),
- Member, JSOM Masters Committee (2011 - 2014), Assessment Committee (2014 - 2016),
- JSOM Academic Advisory and Operations Committees (2015 - 2017),
- Member, Dean’s Steering Committee (2015 - 2017),
- Member, Executive Education Committee (2017 - 2018),
- Member, School-wide Peer Review Committee (2013-14), several Promotion & Tenure committees (2012 – 2018),
- Chair, Faculty Search Committee in MIS (2011-12; 2014-16); Member, Faculty Search Committee (2009-10; 2012–15, 2017),
- Member, UT Health Systems Engineering Committee (2011-14),
- Information Technology Infrastructure sub-committee (2001-2004),
- Accounting Tenure-track Faculty Recruiting committee (2007-08, 2009-10, 2010-11),
- MECO Faculty Recruiting committee for Econometrics faculty (2009-10),
- Accounting area sub-committee for Information Management (2002 - 2006),
- Teaching Evaluation committee (2004-06).

## INDRANIL R. BARDHAN

- UT Dallas Faculty Senate: Committee Member, 2007 – 2008, and 2010-2011.
- Member, UTD Faculty Mentoring Committee, 2009-10 & 2010-11.
- Member, UTD Library Infrastructure Committee, 2012 – 2014.
- Member, Computer Science Program Review Committee, UT Dallas, 2015.
- External chair of several UTD examining committees (Computer Science, Public Affairs, Economics, 2004-2013).
- Member, UT Dallas Eugene McDermott Graduate Fellowship Selection Committee (2017).

### **PROFESSIONAL MEMBERSHIPS**

- Institute for Operations Research & Management Sciences (INFORMS)
- Association for Information Systems (AIS)
- Production & Operations Management Society (POMS)
- American Medical Informatics Association (AMIA)

### **COMMUNITY SERVICE**

- Board Member, Lakes Edge HOA, Texas (2019 - 2020).
- Board Member, US India Chamber of Commerce, Dallas (Jan. 2016 – May 2018).
- Treasurer (2008-09), General Secretary (2009-10), and President (2010-2012), Bengali Organization of Greater Dallas, a nonprofit 501(c) (3) organization.
- Volunteer, Junior Achievement of Dallas (2008 – 2010).
- Life Member, Texas Exes (2018 - present).