

ANJANA SUSARLA

Eli Broad College of Business, Michigan State University
N230, North Business Complex, Bogue Street, East Lansing MI 48824
Ph (Work): +1 (517) 432 8350
Email: asusarla@msu.edu

Updated November 2022

EXPERIENCE

- 2020- **Eli Broad College of Business, Michigan State University**
Omura-Saxena Endowed Professor of Responsible AI
Professor, Accounting and Information Systems
- 2012 -2020 Associate Professor, Accounting and Information Systems
- 2010- 2012 **Carnegie Mellon University**
Visiting Assistant Professor, Information Systems
- 2003-2010 **University of Washington**
Assistant Professor, Information Systems and Operations Management
- 1997-1999 **Ramco Systems Corporation, India**
IT Consultant: Responsibilities included Business Process Configuration, ERP Implementation, Consulting and Software Development

EDUCATION

- 1999-2003 **McCombs School of Business, University of Texas at Austin**
PhD, Information Systems
- 1995-1997 **Indian Institute of Management, Calcutta, India**
MBA, Finance and General Management
- 1991-1995 **Indian Institute of Technology, Chennai, India**
B. Tech., Mechanical Engineering

HONORS AND AWARDS

- *Haim Mendelson Teaching Innovation Award* from the Institute for Operations Research and the Management Sciences Information Systems Society (INFORMS ISS), 2022
- *Academic Leadership Award* from the Responsible AI Institute, 2021
- Ranked in the list of Top-100 Information Systems (IS) researchers by research productivity
- *Broad Integrative Fellow*, Eli Broad College of Business, Michigan State University, 2014
- *Association of Information Systems Best Publication Award* for 2012
- Runner-Up for *Information Systems Research Best Published Paper Award* 2012
- 2009 Microsoft Prize at the *International Network of Social Networks Analysis* Sunbelt Conference
- *Steven Schrader Best Paper* Finalist, Academy of Management Conference 2007
- Nominated for the *Outstanding Dissertation Award*, University of Texas, May 2004

- *William S. Livingston Award* for Outstanding Graduate Students, University of Texas, 2002 –2003

RESEARCH INTERESTS

- Responsible Artificial Intelligence (AI), AI Ethics and Digital Transformation
- Machine Learning and Causal Inference
- Social Media Analytics
- Digital Transformation

RESEARCH GRANTS

Grants Awarded

- R01 inter-university grant from the National Library of Medicine (NLM) and National Institute of Health (NIH) as lead Co-PI (along with Rema Padman and Xiao Liu) on “Leveraging YouTube Video Analytics for Patient Education: A Digital Therapy Tool for Clinicians to Retrieve and Recommend Understandable Videos on Chronic Disease Management” (8/1/2021, R01LM013443, \$984,784)

External Sources Submitted to in the past one year

- Submitted inter-university grant to NSF as lead Co-PI on “YouTube Video Analytics for Improving Patient Education and Societal Health Literacy: An Augmented Intelligence, Bias-Aware, Machine Learning Pipeline for Video Retrieval”
- Submitted a grant to Facebook Research as lead PI on “A Deep Learning Based Augmented Intelligence Method to Detect Healthcare Misinformation on Social Media”
- Part of an interdisciplinary and inter-university group that submitted a proposal “AI Institute: Optimization and AI in Search of Innovative Solutions (OASIS)” to NSF
- Submitted an interdisciplinary grant to National Science Foundation (NSF) as lead co-PI on “Predictive Analytics for Business Debtors in Chapter 11.”

Internal Sources

Finalist for the Strategic Partnership Grant from MSU

Funded Seed Grant from the Center of Business and Social Analytics

PUBLICATIONS

1. Y-Y Wang, C Guo, A Susarla, V Sambamurthy, “Online to Offline: The Impact of Social Media on Offline Sales in the Automobile Industry,” *Information Systems Research*, June 2021, 32(2): 582-604
2. C Guo, T H Kim, A Susarla, V Sambamurthy, “Understanding Content Contribution Behavior in a Geo-Segmented Mobile Virtual Community: The Context of Waze” *Information Systems Research*, December 2020, 31(4): 1398–1420
3. A Susarla, M Holzhaecker and R Krishnan, 2020. “Calculative Trust and Interfirm Contracts,” *Management Science*. November 2020, 66(11): 5465–5484
4. X Liu, B Zhang, A Susarla, R Padman. "Go to You Tube and Call Me in the Morning: Use of Social Media for Chronic Conditions," *MIS Quarterly*, March 2020, 44(1): 257-283.
5. A Susarla and T Mukhopadhyay, “Can Outsourcing of Information Technology Foster Innovations in Client Organizations? An Empirical Analysis,” *MIS Quarterly*, September 2019, 43(3): 929-949

6. A Susarla, J Oh, Y Tan, “Influentials, Imitables or Susceptibles? Virality and Word of Mouth Conversations in Online Social Networks,” *Journal of Management Information Systems*, June 2016, 33(1): 139-170
7. K Ravindran, A Susarla, D Mani and V Gurbaxani “Social Capital and Contract Duration in Buyer-Supplier Networks for Information Technology Outsourcing,” *Information Systems Research*, June 2015, 26(2): 379- 397
8. A Susarla, “Contractual Flexibility, Rent Seeking and Renegotiation Design: An Empirical Analysis of Information Technology Outsourcing Contracts,” *Management Science*, July 2012, 58(7): 1388-1407
9. A Susarla, J Oh and Y Tan, “Social Networks and the Diffusion of User-Generated Content: Evidence from YouTube,” *Information Systems Research*, March 2012, 23(1): 23-41
10. A Susarla and A Barua, “Contracting Efficiency and New Firm Survival in Markets Enabled by Information Technology,” *Information Systems Research*, June 2011, 22(2): 306-324
11. A Susarla, A Barua and A. B. Whinston, “Multitask Agency, Modular Architecture and Task Disaggregation in SaaS,” *Journal of Management Information Systems*, Spring 2010, 26(4): 89–119
12. A Susarla, R Subramanyam and P Karhade, “Contractual Provisions to Mitigate Holdup: Evidence from Information Technology Outsourcing,” *Information Systems Research*, March 2010, 21(1): 37-55
13. A Susarla, A Barua and A. B. Whinston, “A Transaction Cost Perspective of the “Software as a Service” Business Model,” *Journal of Management Information Systems*, Fall 2009, 26(2): 205–240
14. R Subramanyam and A Susarla, “Contracting, Incentives and Inter-Organizational Routines in Information Technology Outsourcing,” *Academy of Management Best Paper Proceedings*, Academy of Management, 2007
15. A Susarla, A Barua and A. B. Whinston, “Understanding the ‘Service’ Component of Application Service Provision: An Empirical Analysis of Satisfaction with ASP Services,” *MIS Quarterly*, March 2003, 27(1): 919-123
16. A Susarla, A Barua and A. B. Whinston, “Making the most of an ASP relationship,” *IEEE IT Professional*, Vol. 3, No. 6, November/December 2001, pp. 63-67.
17. M Parameswaran, A Susarla and AB. Whinston, “P2P networking: An information sharing alternative,” *IEEE Computer*, Vol. 34, No. 7, July 2001, pp. 31-38
18. A Susarla, A Barua and A. B. Whinston, “Myths about outsourcing to Application Service Providers,” *IEEE IT Professional*, Vol. 3, No. 3, May/June 2001, pp. 32-35.
19. A Susarla, M Parameswaran and A. B. Whinston, “Emerging market structures in the digital supply chain,” *IEEE IT Professional*, September/October 2000.

PAPERS UNDER REVIEW

1. M Li, X Xiong, X Chang, S Kumar and A Susarla, “People Don’t Know What They Want until You Show it to Them, But When?” under review
2. K Qi, P Rahmati, A Susarla, V Sambamurthy, “Product Differentiation in IT Industries: The Interplay of M&A and In-house Innovation,” under review
3. U Ananthakrishnan, J Chen, A Susarla, “The Great Reset That Never Was: The Fitness Sector in the Aftermath of the Covid-19 Pandemic,” under review
4. X Liu, A Susarla, R Padman, “AI for Social Good: A Human-in-the-Loop Augmented Intelligence Video Recommendation Method to Promote Health Literacy,” under review
5. Y Lu, A Susarla, K Ravindran, “Machine Learning Approaches to Understand IT Outsourcing Portfolios,” under review

RESEARCH IN PROGRESS

1. A Susarla, “Climate Justice and AI Ethics: A Call for Research”
2. S Ma, P Dhillon, A Susarla, “Public Discourse and Crowding Out in Social Media: Evidence from Adverse Climate Change Incidents”
3. K Pothugunta, X Liu, A Susarla, R Padman, “Bias Aware Recommendations for Healthcare in Digital Platforms”
4. C Xu, U Ananthakrishnan, A Susarla, Y Tan, “Paging Dr. Google: Understanding Digital Health Literacy Disparities and Health Usage Online”
5. J Chen, U Ananthakrishnan, A Susarla, “AI Ethics Breaches and Market Reactions”

BOOK CHAPTERS

1. A Susarla, “Unraveling the Impact of Social Media on Extremism: Implications for Technology Regulation and Countering Violent Extremism (CVE),” Invited Policy Chapter in the Legal Perspectives in Technology series from the George Washington University Program on Extremism in conjunction with the Congressional Counterterrorism Caucus
2. K Ravindran, A Susarla, R Krishnan, D Mani, “The Mediating Effect of Formal Contractual Controls in the Relationship Between Experience and Contract Design,” Lecture Notes in Business Information Processing, Volume 236, pp. 52-61, ed. Oshri I, J Kolstarsky, L. P. Willcocks, Springer International, Switzerland, December 2015
3. A Susarla, A Barua and A B. Whinston, “Understanding the service aspect of application service providers,” in *Information Systems Outsourcing: Enduring Themes, Emergent Patterns and Future Directions*, eds R. Hirscheim, A. Heinzl and J. Dibbern, Springer-Verlag, Berlin 2006
4. A Susarla, D Liu and A.B. Whinston, “Peer to Peer technology for enterprise knowledge management,” in *Handbook of Knowledge Management*, ed. C. Holsapple, Springer –Verlag, Berlin 2003.

SELECTED ARTICLES AND OP-EDS

“Experts grade Facebook, TikTok, Twitter, YouTube on readiness to handle midterm election misinformation,” *The Conversation*, October 2022. Republished in several outlets, including

- Fast Company
- Haaretz (Israel)
- Scientific American
- Snopes
- Yahoo News

“Elon Musk’s plans for Twitter could make its misinformation problems worse,” *The Conversation*, April 2022. Republished in several outlets, including:

- Business Standard (India)
- Channel News Asia
- How Stuff Works
- PBS
- Scroll (India)

“Elon Musk’s bid spotlights Twitter’s unique role in public discourse – and what changes might be in store,” *The Conversation*, April 2022. Republished in several outlets, including:

- Economic Times (India)

- Haaretz
- The Hindu Business Line (India)
- India Today (India)
- NDTV (India)
- The Stuff (New Zealand)
- Yahoo News

“Breaking the bias: Why gender matters in standards,” Opinion for the International Telecommunications Union (the ICT division of the UN), March 2022

“Why Zelenskyy’s ‘selfie videos’ are helping Ukraine win the PR war against Russia,” The Conversation, March 2022. Republished in several news outlets, including:

- Asia Times
- Associated Press
- Haaretz (Israel)
- The Scroll (India)
- The Wire (India)
- Yahoo News

“What will 2022 bring in the way of misinformation,” The Conversation, December 2021. Republished in in several news outlets, including:

- Atlanta Journal -Constitution
- Economic Times (India)
- Gizmodo
- The Print
- Salon
- Scientific American
- Snopes
- Talking Points Memo

“Panel: What is one thing Congress could and should do about Facebook and why?” The Conversation, November 2021. Republished in several news outlets, including:

- Yahoo News
- Fast Company
- Houston Chronicle

“Big tech has a vaccine misinformation problem – here's what a social media expert recommends,” The Conversation, July 2021. Republished in several news outlets, including:

- Economic Times (India)
- Haaretz (Israel)
- Mint (India)
- Outlook India

“The Strange and Wondrous World of Mitigating Bias Through AI,” Responsible AI Institute Blog Post, June 2021

“Sabes cómo funcionan los algoritmos? Es la manera de saber si nos manipulan,” El Pais, April 2021, republished in El Pais International Edition as “How algorithmic recommendations can push internet users into more radical views and opinions,” April 2021

“If Big Tech has the will, here are ways research shows self-regulation can work,” The Conversation, February 2021. Republished in several news outlets, including:

- Business Mirror (Philippines)
- Business Standard (India)
- Fast Company
- Houston Chronicle
- Snopes
- Yahoo News

“People become less likely to contribute to a virtual public good like Wikipedia or Waze if they know many others are already doing it,” The Conversation, February 2021. Republished in several news outlets, including:

- Associated Press
- Houston Chronicle
- Phys.org
- Yahoo News

“Biases in algorithms hurt those looking for information on health.” The Conversation, July 2020. Republished in several news outlets, including:

- Becker’s Hospital Review
- Business Standard (India)
- Fast Company
- Houston Chronicle
- Nigeria Sun
- Nieman Journalism Lab
- Pew Research
- Repha (France)
- Tec Mundo (Brazil)
- TuQuoc (Vietnam)
- Yahoo News

“TikTok teens and the Trump campaign: How social media amplifies political activism and threatens election integrity,” The Conversation, June 2020. Republished in several news outlets, including:

- Associated Press
- Channel News Asia
- Fast Company
- Houston Chronicle
- LifeHacker

- Media Innovation (Japan)

“The Census Goes Digital – 3 Things to Know,” The Conversation, February 2020. Republished in several news outlets, including:

- Houston Chronicle
- San Francisco Chronicle
- Snopes
- Phys.org
- Public Radio International
- Salon

“Hate Cancel Culture? Blame Algorithms,” The Conversation, January 2020. Republished in several news outlets, including:

- Associated Press
- Fast Company
- Houston Chronicle
- Philadelphia Inquirer
- Phys.org
- San Francisco Chronicle
- Salon
- Yahoo News

“The new digital divide is between people who opt out of algorithms and people who don’t,” The Conversation, April 2019. Republished in several news outlets, including:

- Altnet
- Cosmos Magazine
- Channel News Asia
- El Pais
- Esquire Italy
- Fast Company
- iAfrikaan
- Quartz
- San Francisco Chronicle
- Slate

“Users need to play a role in how we regulate Tech giants,” Fast Company, March 2019

“3 ways that big data reveals what you really like to watch, read and listen to,” The Conversation, January 2019. Republished in several news outlets, including:

- Asian Correspondent
- Associated Press
- Phys.org
- The Quint
- Seattle Post-Intelligencer

- World Economic Forum

“Facebook begins to shift from being a free and open platform into a responsible public utility,” The Conversation, August 2018. Republished in several news outlets, including:

- Houston Chronicle
- Salon
- Mumbrella

“Why ABC Reacted so Swiftly to Roseanne’s Racist Tweet,” The Conversation, May 2018. Republished in several news outlets including:

- Newsweek Japan
- Salon

“How Artificial Intelligence Can Detect –and Create- Fake News,” The Conversation, May 2018. Republished in several news outlets including:

- Altnet
- El Pais
- International Business Times
- Pew Research
- Salon

“Analytics Behind March Madness Bracketology,” MSU Today, March 2018.

“How Social Media Turned United Airlines’ PR Flub into a Firestorm,” The Conversation, April 2017. Republished in several news outlets including:

- Associated Press
- Business Standard (India)
- The Independent (Singapore)
- The Observer
- Scroll.in

“The big data behind Cyber Monday,” MSU Today, November 2016.

SELECTED MEDIA MENTIONS AND PODCASTS

- “Deepfake videos on TikTok can be fun. They can also be malicious,” NPR/Market Place Tech, November 2022
- Guest on “Technology Untangled” Podcast with Hewlett Packard Enterprise Group, November 2022
- Guest on “In Her Ellement” Podcast with Boston Consulting Group, October 2022
- “The ABCs of AI, Algorithms and Machine Learning,” NPR/ Market Place Tech, July 2022 (re-aired September 2022)
- “The Day with Brent Goff,” interview on Deutsche Welle, Germany, April 2022
- “How social media is influencing the Ukraine war,” WLNS, Lansing, March 2022
- “Misinformation or potent symbol? An out-of-date yearbook photo of masked 2nd graders raises questions,” Yahoo News, January 2022

- “The tech legacy of tracking the Jan. 6 insurrectionists,” NPR/ Market Place Tech, also on BBC World Business Report and BBC Business Matters, January 2022
- “Are you addicted to social media?” WNLS, Lansing, October 2021
- “MSU expert breaks down Facebook whistleblower’s claims,” WNLS, Lansing, October 2021
- “How I Know Facebook Can’t Fix the Problems It Profits From,” Daily Beast, July 2021
- Infinium Talk Show “Artificial Intelligence,” July 2021
- “Simplify for Success,” podcast with Meru Data, July 2021
- “Responsible AI podcast with Anjana Susarla,” Fiddler.ai, June 2021
- “Volver a socializar: Un reto pospandémico,” PubliNews (Guatemala), April 2021
- “Anyone with an iPhone can now make deepfakes. We aren’t ready for what happens next.” Washington Post, April 2021
- “It’s a Worry That Big Tech Companies Have So Much Power Over the Information We Consume,” Sputnik International, February 2021
- “GameStop Has to Go Down but the Implications Are Strange,” Investor Place and Business Insider, February 2021
- “12 Autonomous Vehicle Stocks to Buy in 2021,” Yahoo Finance, December 2020
- “5 Self-Driving Car Stocks with the Most Potential Moving into 2021,” Investor Place, December 2020
- “Nasza siła to ignorowanie. Ofiarami kultury kasowania bywają też zwykli Amerykanie,” Dziennik Gazeta Prawna (Poland), December 2020
- “Let’s Talk About Cancel Culture,” Group Chat, BBC Asian Network, October 2020
- “7 Telehealth Stocks Paving the Digital Medicine Landscape,” Investor Place, October 2020
- “3 Telehealth Stocks Ready for Flu Season,” Investor Place, October 2020
- “Qué es y a quiénes castiga la cultura de la cancelación,” Montevideo Portal (Uruguay), October 2020
- “RNC speakers come out against 'cancel culture,' unless Trump does the canceling,” Yahoo News, August 2020
- “Could an undercounted 2020 Census afflict a range of federal statistics?” Politifact, August 2020
- “Privacy Implications of TikTok,” the Nikkei, Japan, August 2020
- “Sæt dig ind i tidens store internetfænomen, før det rammer dig selv,” Politiken (Denmark), August 2020
- “As 'cancel culture' activism peaks, big tech and its algorithms quietly fuel the flames,” Fox News, July 2020
- “What is Cancel Culture?” The Week UK, July 2020
- “What Is Cancel Culture? A Guide to The Online Phenomenon,” Huffington Post UK, July 2020
- “Qué es la cultura de la cancelación que sufren famosos como J.K. Rowling,” Huffington Post Spain, July 2020
- “3 Cybersecurity Stocks to Buy for a More Secure Tomorrow,” Investor Place and Business Insider, July 2020
- “TikTok fans and K-pop stans deluge Trump campaign with bad data,” NPR Marketplace, June 2020
- “Amid calls for social change, effects of cancel culture sow political division,” NBC, June 2020

- “Amid calls for social change, effects of cancel culture sow political division,” Sinclair Broadcast Group, June 2020
- “The 2020 census will take place mostly online. Experts says that raises cybersecurity concerns,” Stateside, Michigan Public Radio, March 2020
- “Study suggests guidelines to improve YouTube videos on chronic health care conditions,” EurekAlert News Releases, March 2020
- “Study Suggests Guidelines to Improve YouTube Video Content for Patients with Diabetes and Other Chronic Health Conditions,” Nephrology Times, March 2020
- “What Kevin Hart’s new docuseries says about “cancel culture”,” NPR Marketplace Morning Report, December 2019
- “Legal Aspects of Social Media Extremism,” Homeland Security Digital Library, September 2019
- “Instagram Puts Brands Ahead of People with New Scheduling Feature,” Medium OneZero, September 2019
- “Metadata Unlocks the Wonders of Data,” The Forecast by Nutanix, April 2019
- “What we are reading,” NiemanLab, Harvard University, April 2019
- “Facebook’s call for global Internet regulation sparks debate,” Phys.org, April 2019
- “El llamado de Facebook a la regulación de internet enciende el debate,” El Universo, April 2019
- “Pedido do Facebook para regulamentação da Internet gera debate,” ISTOE (Brazil), April 2019
- “Why forgetting at work sometimes helps you make better decisions,” Fast Company, March 2019
- “Computers Know You Better Than Family,” WNLS, Lansing, February 2019
- “Social Media Promises and Perils,” Spartan Bizcast, December 2018
- “As fake news flourishes, the UK’s fact-checkers are turning to automation to compete,” Wired UK, November 2018
- “Social Media Firestorms,” BYU Radio, June 2017

PAPERS IN REFEREED CONFERENCES

1. K Pothugunta, X Liu, A Susarla, “Assessing Bias and Fairness in YouTube Videos on Healthcare: Analytics Using Face and Speech Recognition Methods,” INFORMS Workshop on Data Science 2022, Indianapolis, IN
2. Mei Li, X Xi, X Chang, S Kumar and A Susarla, “There Is a Time for Everything: Repurchase Timing and Demand-Driven Online Recommendations,” CIST 2022, Indianapolis, IN
3. K Pothugunta, X Liu, A Susarla, R Padman, “On Curating Responsible and Representative Healthcare Video Recommendations for Patient Education and Health Literacy: An Augmented Intelligence Approach,” KDD 2022 Workshop on Data Science and Artificial Intelligence on Responsible Recommendation, Washington DC, August 2022
4. U Anantkrishnan, J Chen, A Susarla, “Examining the Digital Resilience of the Fitness Sector During the COVID-19 Pandemic,” 26th INFORMS Conference on Information Systems and Technology (CIST), Newport Beach, CA, October 2021
5. X Liu, A Susarla, R Padman, “Machine Learning Approaches for Accessible Public Health Information about COVID-19,” ICLR AI for Public Health Workshop, May 2021
6. Y Guo, X Liu, A Susarla, R Padman, 2020, “YouTube Video Analysis for Patient Health,” *Workshop on Information Technologies and Systems* (Virtual)

7. X Liu, A Susarla, R Padman, 2019, "YouTube Video Analytics for Patient Self-Care of Chronic Diseases," *American Medical Informatics Association Annual Symposium*, Washington, DC, November 2019
8. X Liu, A Susarla, R Padman, "Ask the Doctor if YouTube is Right for You: An Augmented Intelligence Video Recommender System for Patient Education," *Artificial Intelligence for Data Discovery and Reuse Conference*, Pittsburgh, PA, May 2019
9. X Liu, B Zhang, A Susarla, R Padman, "YouTube for Patient Education: A Deep Learning Approach for Understanding Medical Knowledge from User-Generated Videos," 2018 *KDD Workshop on Machine Learning for Medicine and Healthcare*, London, UK, August 2018
10. T H Kim, C Guo, A Susarla and V Sambamurthy, "Does User Engagement Enhance Social Welfare? The Effectiveness of User-Crowdsourced Content in Improving Urban Transportation," 2nd *INFORMS Workshop on Data Science*, Phoenix, AZ, November 2018
11. T H Kim, C Guo, A Susarla and V Sambamurthy, "The Impact of Virtual Crowdedness on User Contributions in a Mobile App Platform: Prosocial Behavior or Bystander Effect?" 22nd *INFORMS Conference on Information Systems and Technology (CIST)*, Houston, TX, October 2017
12. Y-Y. Wang and A. Susarla, "Online Word-of-Mouth Spillover Effects in the U.S. Automobile Industry," 21st *INFORMS Conference on Information Systems and Technology (CIST)*, Nashville, TN, November 2016
13. T.H. Kim, A Shortridge, V Sambamurthy and A Susarla, "Understanding User Contribution in a Social Crowdsourcing Mobile App," the 21st *INFORMS Conference on Information Systems and Technology (CIST)*, Nashville, TN, November 2016
14. B Zhang, X Liu, A Susarla, R Padman and H Chen, "YouTube Self-care Video Search: A Deep Learning Approach for Medical Knowledge Extraction," 25th *Workshop on Information Technologies and Systems*, Dallas, TX, December 2015
15. Y-Y Wang, A Susarla, V Sambamurthy, "The Untold Story of Social Media on Offline Sales: The Impact of Facebook in the U.S. Automobile Industry," the 36th *International Conference on Information Systems*, Dallas, TX, December 2015
16. Y-Y Wang, A Susarla, V Sambamurthy, "Clicks to Bricks: The Impact of Social Media and User-Generated Content on Offline Sales in the Automobile Industry," the 20th *INFORMS Conference on Information Systems and Technology (CIST)*, Philadelphia, PA, October 2015
17. E J Jung, A Susarla, V Sambamurthy, "Dynamics of Fundraising in Crowdfunding Platforms and Entrepreneurial Performance," the 25th *Workshop on Information Technology and Systems*, Auckland, NZ, December 2014
18. E J Jung, A Susarla, V Sambamurthy, "Evolutionary Fundraising Patterns and Entrepreneurs' Performance in Crowdfunding Platforms," the 35th *International Conference on Information Systems*, Auckland, NZ, December 2014
19. K Ravindran, Y Lu, A Susarla, V Gurbaxani, "Market Position and the Dynamics of Network Structure in IT Outsourcing," the 16th *INFORMS Conference on Information Systems and Technology (CIST)*, Charlotte, 2011
20. A Susarla and J Oh, "Cascades and Contagion on YouTube," the 15th *INFORMS Conference on Information Systems and Technology (CIST)*, Austin, 2010
21. K Ravindran, V Gurbaxani and A Susarla, "Social Networks and Contract Enforcement in IT Outsourcing," the 30th *International Conference on Information Systems*, Phoenix, December 2009
22. K Ravindran, A Susarla and V Gurbaxani, "Social Networks and Contract Enforcement in IT Outsourcing," 14th *INFORMS Conference on Information Systems and Technology*, San Diego, 2009
23. K Ravindran, V Gurbaxani and A Susarla, "Social Networks and Contract Enforcement in IT Outsourcing," the 15th *Americas Conference on Information Systems*, August 2009

24. K Ravindran, V Gurbaxani and A Susarla, "Social Networks and Contract Enforcement in IT Outsourcing," the 9th *Pacific Asia Conference on Information Systems*, Hyderabad, India, July 2009
25. J Oh, A Susarla and Y Tan, "Diffusion of User-Generated Content in a Social Network Structure" The 29th *International Conference on Information Systems*, Paris, December 2008
26. L Shi and A Susarla, "Relational Contracts and Forms of Explicit Contracts: Evidence from IT Outsourcing Contracts" *Society for Labor Economists Annual Meeting*, New York, May 2008
27. S Kumar, A Susarla and V Mookerjee "Early vs. Late Participation in Extreme Programming: an Optimal Control Theoretic Approach," 17th *Workshop on Information Technology and Systems*, Las Vegas, December 2005
28. S Kumar and A Susarla, "A Model of Vendor and Client Interaction in Extreme Programming", 16th *Workshop on Information Technology and Systems*, Washington, D.C., December 2004
29. A Susarla, A Barua and AB. Whinston, "Multitasking and Incentives in Application Service Provider Contracts for Customer Relationship Management," *Americas Conference on Information Systems*, Dallas, August 2002
30. K R. Lang, A Susarla, A Barua and AB. Whinston, "A Schumpeterian Approach to Explaining Growth in the Digital Economy," 5th International Conference, Asia-Pacific Region of *Decision Science Institute*, Tokyo, July 2000

OTHER CONFERENCE AND WORKSHOP PAPERS

1. J Chen, U Anantkrishnan, A Susarla, "We see algorithmic bias everywhere, but for the stock market reaction: An empirical analysis of AI Ethics breaches," *Workshop on Information Systems and Economics*, Copenhagen, Denmark, December 2022
2. K Pothugunta, X Liu, A Susarla, R Padman, "Fair and Trustworthy Recommendations Using Augmented Intelligence and Machine Learning Methods," *Statistical Challenges in Ecommerce Research (SCECR)*, Madrid, Spain, June 2022
3. X Liu, A Susarla, R Padman, "Harnessing User-Generated Content for Patient Education: Evidence from YouTube," *Workshop on Information Systems and Economics*, Austin, TX, December 2021
4. X Liu, A Susarla, R Padman, "Go to YouTube and Call Me in the Morning," 7th Int. Conf. on Machine Learning, Optimization & Data Science, Cumbria, UK, October 2021 (Awarded Best Talk)
5. Y Liu, Y Lu, A Susarla, N Langer, "Deep Graph Representation Learning to Measure Influence Propagation on Social Media," *Statistical Challenges in Ecommerce Research (SCECR)*, Virtual
6. I Kim, C Guo, A Susarla, 2021. "The Impact of Crime on the Sharing Economy in Urban Areas," POMS Annual Conference (Virtual)
7. M Li, X Xiong, X Chang, S Kumar and A Susarla, 2021. "People Don't Know What They Want until You Show It to Them. But When?" POMS Annual Conference (Virtual)
8. X Liu, A Susarla, R Padman, 2020, "Addressing Public Health Literacy Disparities through Machine Learning: A Human in the Loop Augmented Intelligence based Tool for Public Health," *Neurips Machine Learning for Public Health Workshop* (awarded best lightning talk, also selected as Spotlight talk for the Neurips 2020 Covid-19 Symposium)
9. Y Lu, A Susarla, K Ravindran, D Mani, 2020, "Machine Learning Approaches to Understand IT Outsourcing Portfolios," *Workshop on Information Systems Economics* (Virtual)
10. X Liu, B Zhang, A Susarla, R Padman, "Go to YouTube and Call Me Tomorrow: Visual Social Media Analytics for Patient Self Care," *Workshop on Information Systems Economics*, Seoul, South Korea, December 2017

11. T H Kim, C Guo, A Susarla and V Sambamurthy, "Prosocial Behavior or Bystander Effect? The Role of Virtual Crowdedness in Encouraging User Contribution of a Mobile Virtual Community," *Workshop on Information Systems Economics*, Seoul, South Korea, December 2017
12. X Liu, B Zhang, A Susarla, R Padman, "Visual Social Media Analytics: Impact of Medical Knowledge on User Engagement," 8th Conference on Health IT and Analytics (CHITA), Washington, DC, November 2017
13. X Liu, B Zhang, A Susarla, R Padman, "Boosting Patient Knowledge: Diabetic Self-care Video Intelligent Search Using Deep Learning," 11th *China Summer Workshop on Information Management*, Nanjing, China, June 2017
14. Y-Y Wang, A Susarla, R Calantone, Y Lu, V Sambamurthy, "Social Media Engagement Spillovers in the U.S. Automobile Industry," *Workshop on Information Systems Economics*, Dublin Ireland, December 2016
15. K Qi, A Susarla, V Sambamurthy, "Effect of Merger and Acquisition on R&D, Intangibles, and Product Differentiation," *Workshop on Information Systems Economics*, Dallas, TX, December 2015
16. X Liu, B Zhang, A Susarla, R Padman, H Chen, "Visual Social Media Analytics for Patient Centric Care," The 6th Annual *Workshop on Health IT and Economics*, Washington, DC, October 2015
17. E J Jung, V Sambamurthy, A Susarla, "Crowdfunding for Healthcare Innovation," POMS *Workshop on Patient-Centric Health Care Management in the Age of Analytics*, Bloomington, Indiana, October 2015
18. Y-Y Wang, A Susarla, V Sambamurthy, R Calantone, "The Untold Story of Social Media on Offline Sales: The Impact of Facebook in the U.S. Automobile Industry," *INFORMS Marketing Science*, Baltimore, MD, June 2015
19. K Ravindran, A Susarla, R Krishnan, D Mani, "Learning, Experience and Economizing on Transaction Costs—An Empirical Analysis of IT Outsourcing Contracts," 9th Global Sourcing Workshop, La Thuile, Italy, February 2015
20. E J Jung, A Susarla, V Sambamurthy, "Dynamics of Fundraising Success in Healthcare Crowdfunding," *Workshop on Information Systems Economics*, Auckland, NZ, December 2014
21. K Ravindran, A Susarla, R Krishnan, D Mani, "Learning, Experience and Economizing on Transaction Costs," *Workshop on Information Systems Economics*, Auckland, NZ, December 2014
22. B Zhang, A Susarla, R Krishnan, "Two-sided Peer Influence on Content Creation in Social Media Platforms," 8th *China Summer Workshop on Information Management*, Chengdu, China, June 2014
23. B Zhang, A Susarla, R Krishnan, "Peer Effects and Competition in Content Creation," *INFORMS Marketing Science Conference*, Atlanta, GA, June 2014
24. Y Lu, K Ravindran, A Susarla, V Gurbaxani, "Vendor Selection in Service Outsourcing," 7th Global Sourcing Workshop, Val d'Isere, France, March 2013
25. B Zhang, A Susarla, R Krishnan, "Peer Influence, Competition and Content Creation in Social Media Platforms," 8th Symposium on *Statistical Challenges in Electronic Commerce Research*, Montreal, June 2012
26. Y Lu, A Susarla, K Ravindran, V Gurbaxani, "Network Structure, Market Dynamics and Tie Formation in IT Outsourcing," 8th Symposium on *Statistical Challenges in Electronic Commerce Research*, Montreal, June 2012
27. B Zhang, A Susarla, R Krishnan, "A Dynamic Analysis of Competition between Content Creators in Social Media Platforms," *Winter Conference on Business Intelligence*, Salt Lake City, Utah, March 2012

28. A Susarla, T Mukhopadhyay, "Credible Commitments and Contingent Control Rights in Contracting for IT-Enabled Innovation" *Workshop on Information Systems Economics (WISE)*, Shanghai, China, December 2011
29. Y Lu, A Susarla, K Ravindran, V Gurbaxani, "Network Structure and Tie Formation in IT Outsourcing," *Workshop on Information Systems Economics (WISE)*, Shanghai, December 2011
30. A Susarla, "A Dynamic Analysis of Competition between Content Creators in Social Media," INFORMS Annual Meeting, Charlotte, November 2011. Invited Paper
31. A Susarla, J Oh, Y Tan, "A Finite Mixture Model of Informational Cascades on Social Networks," INFORMS Annual Meeting, Charlotte, November 2011. Invited Paper
32. R Subramanyam, A Susarla, "Contractual Governance of Innovative IT Sourcing Activities," INFORMS Annual Meeting, Charlotte, November 2011. Invited Paper
33. K Ravindran, Y Lu, A Susarla, V Gurbaxani, "Network Structure and Competitive Dynamics in IT Outsourcing," INFORMS Annual Meeting, Charlotte, November 2011. Invited Paper
34. A Susarla, J Oh, Y Tan, "Word of Mouth Cascades and Social Influence on YouTube," *Winter Conference on Business Intelligence*, Salt Lake City, Utah, March 2011
35. A Susarla, J Oh, Y Tan, "Word of Mouth Dynamics in Online Social Networks: Investigating Social Influence Cascades on YouTube," *Workshop in Information Systems Economics (WISE)*, St Louis, December 2010
36. A Susarla, A Barua, P Konana and AB Whinston, "Assessing the Impact of Complementarity in Information Integration and Inter-Organizational Coordination," *International Symposium on Information Systems*, Hyderabad, India, December 2010
37. R Subramanyam and A Susarla, "Knowledge Intensive IT Services: An Empirical Examination," INFORMS Annual Meeting, Austin, November 2010. Invited Paper.
38. A Susarla, J Oh and Y Tan, "Cohesion, Cascades and Contagion in Online Social Networks," INFORMS Annual Meeting, Austin, November 2010. Invited Paper
39. A Susarla, J Oh, Y Tan, "Structural Cohesion and Opinion Propagation in Online Social Networks," 6th Symposium on *Statistical Challenges in Electronic Commerce Research*, Austin, June 2010
40. L Shi and A Susarla, "Relational Contracts, Reputation Capital and Explicit Contracts: Evidence from Information Technology Sourcing," *The 8th Annual International Industrial Organization Conference*, Vancouver, B.C., May 2010
41. A Susarla, "Flexibility, Rent seeking and Control Rights in Contracting," INFORMS Annual Meeting, San Diego, October 2009. Invited Paper
42. A Susarla and A Barua, "Multitask Agency, Task Disaggregation and Incentives in Contracting," INFORMS Annual Meeting, San Diego, October 2009. Invited Paper
43. J Oh, A Susarla and Y Tan, "Informational Cascades and Contagion in Online Social Networks," INFORMS Annual Meeting, San Diego, October 2009. Invited Paper
44. L Shi and A Susarla, "Relational Contracts and Reputation Mechanisms," INFORMS Annual Meeting, San Diego, October 2009. Invited Paper
45. L Shi and A Susarla, "The Effects of Relational Contracts on Procurement: Evidence from Information Technology Outsourcing," the 13th Annual Conference of *The International Society for New Institutional Economics*, Berkeley, CA, June 2009.
46. J Oh, A Susarla, Y Tan, "Informational Cascades and Contagion in Online Social Networks," 5th Symposium on *Statistical Challenges in Electronic Commerce Research*, Pittsburgh, May 2009
47. K Ravindran, V Gurbaxani, A Susarla, "Social Networks and Contract Enforcement in IT Outsourcing," 5th Symposium on *Statistical Challenges in Electronic Commerce Research*, Pittsburgh, May 2009

48. K Ravindran, V Gurbaxani and A Susarla, "Network Governance in IT Outsourcing," *International Network of Social Networks Sunbelt Conference*, San Diego, March 2009
49. A Susarla, A Barua and AB. Whinston, "Task Complementarity, Modular Architecture and Incentives in Contracting for "Software as a Service" *International Symposium on Information Systems*, Hyderabad, India, December 2008
50. J Oh, A Susarla and Y Tan, "Diffusion of User-Generated Digital Content in a Social Network Structure," *INFORMS Annual Meeting*, October 2008. Invited Paper
51. L Shi and A Susarla, "Relational Contracts in Outsourced IT Services," *INFORMS Annual Meeting*, Washington, D.C., October 2008. Invited Paper
52. V Gurbaxani, K Ravindran and A Susarla, "Social Networks and Governance of Information Technology Outsourcing Contracts," *INFORMS Annual Meeting*, Washington, D.C., October 2008. Invited Paper
53. J Oh, A Susarla and Y Tan, "Social Networks and the Diffusion of User-Generated Digital Content: Evidence from YouTube" 4th Symposium on *Statistical Challenges in Electronic Commerce Research*, New York, May 2008
54. J Oh, A Susarla and Y Tan, "Digital Content Diffusion in a Social Network Structure," 6th *Workshop in E-Business*, Montreal, December 2007
55. A Susarla and R Subramanyam, "Renegotiation Design, Efficient Adaptation and Ex Post Performance in Information Technology Outsourcing: A Test of Incomplete Contract Theory" *Workshop on Information Systems Economics (WISE)*, Montreal, December 2007
56. A Susarla and A Barua, "Transactional Alignment and Survival of IT-enabled Organizational Forms: Evidence from Application Service Providers" at the *International Symposium on Information Systems*, Hyderabad, India, December 2006
57. P Karhade, R Subramanyam and A Susarla, "Contract Term and Extensibility: An Empirical Analysis of IT Outsourcing Contracts," *Workshop on Information Systems Economics (WISE)*, Irvine, December 2005 (authors names listed in alphabetical order)
58. A Susarla, A Barua, P Konana, AB. Whinston, "Operational Impact of Information Sharing between Firms" *Workshop in Information Systems Economics (WISE)*, College Park, Maryland, December 2004
59. A Susarla, A Barua and AB. Whinston, "Task complementarities and Incentives in Application Service Provider Contracts," *Workshop in Information Systems Economics (WISE)*, Barcelona, December 2002
60. A Susarla, A Barua and AB. Whinston, "An Empirical Investigation of Contract Choices in the Application Service Provider Markets" *Workshop in Information Systems Economics (WISE)*, New Orleans, December 2001
61. A Susarla, A Barua and AB. Whinston, "Complementarities in E-Business Practices," *Multi-Channel Conference on E-Business*, Austin, November 2000

INVITED TALKS/ TUTORIALS/ PANELS/ PRESENTATIONS

- March 2023, Invited Speaker, WITS Feeder Workshop, Warwick University, Warwick, UK
- February 2023, Invited Speaker, Economic Science Institute, Chapman University, Orange, CA
- Jan 2023, Keynote speaker, 6th Joint International Conference on Data Science & Management of Data, Mumbai, India
- September 2022, Eller College of Business, University of Arizona, Tuscon, AZ
- July 2022, INCOSE AI working group Invited Speaker
- July 2022, IIT Madras Invited Speaker

- July 2022, Editorial Speaker on Debunking Disinformation and Defense panel at the NextGov Emerging Tech Summit
- June 2022, Invited Panelist, Interdisciplinary Forum on Law, Economics and Information Systems, Goethe Universitat, Frankfurt, Germany
- May 2022, Keynote Speaker, General Motors Trends and Foresight Forum, Detroit, MI
- May 2022, Distinguished Speaker, Inclusive Product Management Summit, Foster School of Business, University of Washington, Seattle
- April 2022, Panelist on Misinformation and its Impact on Healthcare, 2022 Michigan State of Reform Health Policy Conference, Lansing, MI
- March 2022, IDE Seminar Series, Sloan School of Management, MIT, Boston, MA
- March 2022, Keynote Speaker, World Telecommunication Standardization Assembly organized by the ITU-T (the ICT division of the UN), Geneva, Switzerland
- February 2022, Information Technology Research Seminar Series, Stern School of Business, New York University
- February 2022, University of Pittsburgh Research Seminar Series
- January 2022, Broad Doctoral Committee Topics in Recent Trends, Michigan State University
- January 2022, Plenary Speaker, Management Accounting Midyear Meeting
- October 2021, Virtual Seminar, Rensselaer Polytechnic Institute
- September 2021, Invited Panelist for the National Journal roundtable discussion on health misinformation
- February 2021, Virtual Seminar, University of Maryland
- February 2021, Virtual Seminar, McGill University
- November 2020, MSU Bio Ethics Public Seminar Series
- October 2020, Department Seminar at University of Illinois at Chicago
- September 2020, Virtual Digital Economy Seminar, organized jointly by UZH, ETHZ, TSE, LMU, Católica-Lisbon, TAU and Northeastern Universities
- Summer 2020, US-India Business Council and the US Chamber of Commerce Roundtable Discussion on Approaches to Competition Law in the Digital Economy
- Summer 2020, Seminar for the Association of Information Systems (India Chapter) on Empirical Research on Contracting in Information Systems
- Spring 2020, Questrom School of Business, Boston University
- Fall 2019, Invited Speaker at the Program on Extremism at George Washington University (Joint with the Congressional Counter-Terrorism Caucus)
- March 2019, Research Symposium “Creating Business Value with Fusion of Technology and Methods” at the Warrington College of Business, University of Florida, Gainesville, FL
- March 2019, Panel on “Can We Fight Fake News Without Killing the Truth?” SXSW Festival, Austin, TX
- November 2018, Invited Workshop on Teaching Business Analytics to Undergraduates, MBAs, and Executives, Decision Sciences Institute Annual Meeting, Chicago, IL
- October 2018, Mack Robinson College of Business, Georgia State University, Atlanta, GA
- May 2018, Invited Tutorial on Social Network Analysis, Annual Conference on the Production and Operations Management Society (POMS), Houston, TX
- March 2018, McCombs School of Business, University of Texas, Austin, TX

- February 2018, Invited Speaker at the Conference on the “Future of Work,” Carey School of Business, Arizona State University, Phoenix, AZ
- February 2017, Eccles School of Business, University of Utah, Salt Lake City, UT
- November 2016, Invited Tutorial on Social Network Analysis, Decision Sciences Institute Annual Meeting, Austin, TX
- October 2016, Fox School of Business, Temple University, Philadelphia, PA
- September 2016, Invited Panel on Network Theory and Social Network Analysis in SCM Research, POMS/EUROMA International Conference, Havana, Cuba
- March 2015, Scheller College of Business, Georgia Institute of Technology, Atlanta, GA
- April 2013, United States Institute of Peace Workshop, Stanford University, Palo Alto, CA
- May 2012, Information Systems Research Special Issue Workshop, R H Smith School of Business, University of Maryland, College Park, MD
- January 2012, Eli Broad School, Michigan State University, East Lansing, MI
- January 2012, Carey School, Arizona State University, Phoenix, AZ
- March 2011, SXSW Interactive Panel on Social Broadcasting Technology, Austin, TX
- March 2011, Carey School, Johns Hopkins University, Baltimore, MD
- March 2011, University of Connecticut, Storrs, CT
- February 2011, Krannert School of Business, Purdue University, W Lafayette, IN
- February 2011, Fox School of Business, Temple University, Philadelphia, PA
- January 2011, Kelley School of Business, Indiana University, Bloomington, IN
- November 2010, School of Management, University of Texas at Dallas, Dallas, TX
- October 2010, Heinz College, Carnegie Mellon University, Pittsburgh, PA
- April 2010, Tepper School of Business, Carnegie Mellon University, Pittsburgh, PA
- March 2009, Carlson School, University of Minnesota, Minneapolis, MN
- April 2008, Information School, University of Washington, Seattle, WA
- January 2008, Colloquium, Paul Merage School, University of California, Irvine, CA
- November 2007, *Information Systems Research* Sponsored Session, INFORMS, Seattle, WA
- Panel Member, University of Washington Forum on Knowledge, Labor and the Economy held by the Harry Bridges Center for Labor Studies, University of Washington, 2006-2007
- June 2004, Washington State House of Representatives Session on Offshore Outsourcing, Olympia, WA
- April 2003, Wharton School of Business, University of Pennsylvania, Philadelphia, PA
- February 2003, Simon School of Business, University of Rochester, Rochester, NY
- January 2003, Purdue University, W Lafayette, IN
- January 2003, Freeman School, Tulane University, New Orleans, LA
- January 2003, University of Washington, Seattle, WA

TEACHING INTERESTS

- Responsible AI and AI Ethics
- Machine Learning and Interpretability
- Network Science and User-generated Content Analytics

CORPORATE ENGAGEMENT IN AI/ANALYTICS

Consulted and/or worked on analytics projects with firms in various industries on technical, strategic, and educational issues. Some include:

1. Collaboration with Clinicians from various Healthcare Organizations and Policy Makers from Google Health and YouTube Health Partnerships Team to highlight authoritative sources for health information on YouTube
2. Experiential engagement with Responsible AI Institute, Lucid.ai and Cognitive Scale for a practicum on Responsible AI
3. Worked with Consumers Energy in developing predictive models for workplace safety
4. Worked with Stryker in developing predictive models for Medical Technology/ Device spending
5. Worked with Commonwealth Associates in developing models for human resources utilization
6. Worked with Cymorg in developing NLP based metrics for business decision making
7. Worked with KellyOCG in analytics for streamlining procurement
8. Worked on several projects with the State of Michigan in building predictive models for licensing
9. Worked with NSF International in building supply chain analytics models for food distribution
10. Worked with Blue Cross Blue Shield on churn models for insurance
11. Worked with Farm Bureau to build predictive models for commercial insurance underwriting
12. Worked with MSU Federal Credit Union to build predictive models for loan decisions
13. Worked with Morpace to build geo-spatial intelligence based predictive models in telematics
14. Worked with USAA to predict life changes from financial data
15. Worked with Oakland County to build visualization-based tools
16. Worked with Accident Fund to build predictive models for actuarial finance
17. Worked with WSA to build models for the outsourcing industry
18. Worked with Disney Consumer Products on developing recommendations for global sourcing
19. Consult with startups on AI, machine learning and sequential experimentation

TEACHING EXPERIENCE

Executive Education for the Broad College

- **Is COVID-19 Accelerating the Digital Transformation? Using AI and ML for Supply Chain Resilience:** Joint with University of Dubai, Middle East Logistics High Institute, S. P. Jain Institute of Management and Times Professional Learning
- **Digital disruption from COVID-19:** Managing through the Crisis Summer Series
- **A Framework for Responsible Artificial Intelligence:** Business and Bagels Series

Courses Taught

At Michigan State University

- **ACC321: Accounting Information Systems** (Undergraduate). This class provides an overview of Control in the context of Enterprise Information Systems. Topics covered include Internal Controls with Accounting Information Systems, Business Process and Data Models for Accounting Information Systems.
- **ITM 891: Doctoral Seminar in Networks, Markets and Information Systems** (Graduate). This is a new doctoral seminar that I designed. This course provides an overview of quantitative concepts and methods used for analysis of large-scale social networks.
- **MKT 829: Web and Digital Marketing Analytics** (Graduate). This is a new course that I designed. This class provides an overview of the collection and analysis of information from the web, including predicting future behavior, search engine optimization, landing page optimization, designing web-based experiments and mobile analytics. Course Rating: 4/5

- **ITM 881: Social Network Analytics** (Graduate). This is a new course that I designed. This class aims to provide students with an in-depth understanding of the tools and methods of network science. Applications of these techniques span a broad range of business contexts including social media analytics, supplier networks, and collaborative commerce.
- **ITM 888: Fall Business Analytics Capstone** (Graduate). I mentor several groups of students for an experiential learning based corporate practicum where we work with a live business data. The objective is to deliver predictive insights to organizations using a deep dive understanding of business, technology and data. My experience includes working with organizations in insurance, telematics, healthcare, automotive, retail, banking and other sectors.
- **ACC 822: Spring Business Analytics Capstone** (Graduate). I mentor the entire cohort of MSBA students to solve a real-world business objective. In the last iteration of this course, the students developed a set of solutions for the client organization (a large global organization) with the aim of streamlining the entire procurement function of the organization.
- **ITM 885: Applying Analytics to Solve Business Problems** (Graduate). This is a new course that I designed. This course applies data mining and business analytic modeling techniques to solve live business problems in partnership with companies.
- **HCM 825: Healthcare Analytics** (Graduate). This is a new course that I designed. This course covers the state-of-the art developments in the area of analytics for healthcare.’
- **Area Champion for the Leaders in Digital Transformation program for MBA students:** This is an initiative geared on building an experiential learning competency enabling strategies, tactics, and practices in executing digital transformations in contemporary firms that harness analytic thinking.

At Carnegie Mellon University

- **70-451: Management Information Systems** (Undergraduate Core). This class provides an overview of strategic impacts of technology and digital transformation. Topics covered include Digital Transformation and Industry Transformation with IT.
- **70-455: Database Management and Business Analytics** (Undergraduate). This class provides an overview of Database Schema Design, Data Modeling Methods and Business Analytics.
- **70-453: Systems Analysis and Design** (Undergraduate). This class provides an overview of business process design and requirement analysis in a Unified Modeling Language (UML) framework. Topics covered include Requirements Analysis, Business Process Modeling, Object Oriented Design, Functional and Structural Modeling, and Project Management.

At the University of Washington

- **IS300: Introduction to Information Systems** (Undergraduate Core). Responsible for course restructuring that resulted in lower class sizes and overhaul of curriculum. This class is designed to equip students with a vocabulary, key concepts and frameworks to understand the central role of IT in the modern enterprise. Topics covered are Hardware/ Software Industry Transformation, E-Commerce and Data Communications, IT and Decision Support and Information Systems Strategy. Hands-on exercises to tools such as Excel, Access, FrontPage, Visio, and MS Project are provided through a lab module.
- **IS530: Managing IS Resources** (Graduate). This was an MBA elective that I designed. Topics covered include issues involved in Systems Development, Enterprise Integration, IT Applications Infrastructure and Sourcing of IT Services. In the past this class was offered to students in the daytime MBA as well as the Global MBA program.

- **IS582: PhD Seminar in Contract Theory.** This was a doctoral seminar that I designed. This course provides a formal treatment of the tools of contract theory. Topics include moral hazard, adverse selection, incomplete contracts and decision rights, and applications to research in the area of information systems and management.
- **IS445: Database Management** (Undergraduate). This course provides students with an understanding of the design of database schemas and the implementation of database systems. Topics covered include an understanding of database terminology, data modeling methods, structured query language (SQL), developing and querying databases in Oracle 9i/MS-Access, and transactions management.

At the University of Texas

- Teaching Assistant - **Systems Analysis & Design** (Undergraduate) Fall 1999
- Teaching Assistant - **Business Information Systems** (Undergraduate) Spring 2000

PROFESSIONAL ACTIVITIES/ SERVICE

Editorial Boards and Conference Committees

- ICIS 2022 Doctoral Consortium Faculty Mentor, Copenhagen, Denmark, December 2022
- Editorial Board Member, MIS Quarterly Special Issue on Social Justice
- Best Student Paper Committee, CIST 2022
- Co-Chair, WISE 2021, Austin, TX, December 2021
- ICIS 2021 Track Chair, Sustainability and IS Track
- Associate Editor, Decision Sciences Journal
- DEI mentoring for INFORMS Information Systems Society (ISS)
- WISE 2020 Best Paper Committee
- ICIS 2020 Paper-A-Thon Co-Chair
- CIST 2020 Best Student Paper Award Committee
- WITS 2020 Program Committee
- ICIS 2019 Track Chair, Sustainability and IS Track
- CIST 2019 Best Student Paper Award Committee
- Editorial Board Member, Special Issue on “Humans, Algorithms, and Augmented Intelligence: The Future of Work, Organizations and Society,” *Information Systems Research*
- Editorial Board Member, Special Issue on “FinTech – Innovating the Financial Industry Through Emerging Information Technologies,” *Information Systems Research*
- ICIS 2018 Track Chair, Social Media and Digital Collaboration Track, San Francisco, December 2018
- ICIS 2017 Panel Member, Research Methods Panel, Seoul, S Korea, December 2017
- ICIS 2017 Paper-a-Thon Mentor, Seoul, S Korea, December 2017
- Guest Senior Editor, *Production and Operations Management*
- Associate Editor, *MIS Quarterly* 2017-2020
- Co-Chair, INFORMS CIST, Nashville, TN, November 2016
- ICIS 2015 Doctoral Consortium Faculty Mentor, Dallas, TX, December 2015
- Cluster Chair, Information Systems Society Sponsored Cluster, INFORMS Annual Meeting, Philadelphia, PA, November 2015

- Senior Editor, Special Issue of *Production and Operations Management* on “Operations Management and Information Systems Interface” June 2015
- Associate Editor, *Information Systems Research*, 2011 - 2016
- Guest Associate Editor, *MIS Quarterly*
- Track Chair, Information Systems Strategy and Design Track, Decision Sciences Institute Conference 2014, Tampa, FL
- Editorial Board Member, *Electronic Commerce Research*, 2014-
- Executive Editor, *Information Systems Frontiers*, 2012-
- Area Editor, *Electronic Commerce Research and Applications Journal*, 2008-
- Associate Editor, *Information Systems Research* Special Issue on Social Media
- Associate Editor, *MIS Quarterly* Special Issue on Sustainability and IS
- Editorial Review Board Member, *Journal of Database Management*, 2008-2011
- Grant Proposal Reviewer for the *National Science Foundation*
- Associate Editor for peer-reviewed Conferences: Economics of IS Track and General Track, International Conference on Information Systems, Dublin, December 2016; Economics and Value of IS, International Conference on Information Systems, Dallas, December 2015; Economics of IS Track and E-Commerce Track, International Conference on Information Systems, Auckland, December 2014; Reshaping Society through IS Design Track and Service Management and IS Track, International Conference on Information Systems, Milan, December 2013; Digital and Social Networks Track and Economics of IS Track, International Conference on Information Systems, Orlando, December 2012; Economics of IS Track, International Conference on Information Systems, Shanghai, December 2011; Economics of IS Track, International Conference on Information Systems, St. Louis, December 2010; IT Strategy and Leadership Track, International Conference on Information Systems, Phoenix, December 2009; Research Methods Track, International Conference in Information Systems, Phoenix, December 2009; Featured Industries Track, International Conference on Information Systems, Paris, December 2008
- Session Chair: INFORMS CIST 2014, INFORMS CIST 2011, INFORMS 2011, INFORMS 2010, INFORMS CIST 2009, INFORMS 2009, INFORMS 2008, INFORMS 2007, AOM2008
- Discussant: WISE 2017, WISE 2016, WISE 2015, WISE 2011, WISE 2009, Academy of Management Conference 2008, ICIS 2006, WISE 2004
- Program Committee Member: INFORMS Conference on Information Systems and Technology (CIST) 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2006, 2005; Workshop on Information Technologies and Systems (WITS) 2009, 2008, 2007; Economics of IS Track, Asia Pacific Conference on Information Systems, 2006
- Publicity Chair: 8th Workshop on E-Business (WeB), Phoenix, 2009

Ad-Hoc Reviewer

Management Science (for IS, Marketing and Operations Management), Information Systems Research, MIS Quarterly, Journal of Management Information Systems, Decision Sciences Journal, Decision Support Systems, International Conference for Information Systems, Academy of Management Conference, Workshop on Information Technology and Systems, Hawaii Conference on International Systems

Administrative Service at Michigan State University

University Level Committees

- University Council/ Faculty Senate Representative

College and Departmental Level Service

- Member, College Advisory Committee (2020-)
- Member, Doctoral Program Committee (2019-)
- Chair, Search Committee for Tenure-Track position in Business Analytics (2019-2020)
- MS Business Analytics Curriculum Committee
- Broad Integrative Fellows Program
- Doctoral Program Coordinator, ITM
- Member, Search Committee for Tenure-Track position in Business Analytics (2014-2015)
- Member, Search Committee for Tenure-Track position in Business Analytics (2015-2016)
- Curriculum Review Committee for Restructuring Undergraduate Business Analytics
- MBA Business Analytics Concentration Task Force
- PhD Curriculum Review Committee (2013-2014)
- Ph.D. Admissions Committee (2012-2013, 2014-2015)
- Departmental Advisory Committee (2014-2016)

Administrative Service at Carnegie Mellon University

- Curriculum Restructuring for IS/IT Major (now renamed Business Information Technology)

Administrative Service at the University of Washington

- Served on the MBA and Undergraduate Curriculum Review Committees
- Faculty Advisor for Undergraduate Case Competitions
- Course Coordinator - Undergraduate IS core and responsible for significant course restructuring.

PhD Dissertation Committees Served On

- Committee Member, Connor Gyusuk Lee (Asst. Professor, IE Madrid)
- Co-Chair, Tae Hun Kim (Asst. Professor, Baylor University)
- Co-Chair, Yen-Yao Wang (Asst. Professor, Auburn University)
- Co-Chair, Kangkang Qi (Asst. Professor, Auburn University)
- Committee Member, Susanna Gallani (Asst. Professor, Harvard Business School)
- Co-Chair, Eun Ju Jung (Asst. Professor, George Mason University)
- Co-Chair, Jeong-Ha Oh (Asst. Professor, Georgia State University)

Professional Memberships

Association of Information Systems, Informs

PERSONAL

Naturalized U.S. Citizen