

Prasanna (Sonny) Tambe

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Wharton School of Business
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Employment

Wharton School of Business, University of Pennsylvania, Professor, May 2025–Present.
OpenAI, Visiting Member of Economic Research Staff, Nov 2025–Present.
Faculty Co-Director, Wharton Human-AI Research, Sep 2021–Present.
Wharton School of Business, University of Pennsylvania, Associate Professor, July 2017–May 2025.
NYU Leonard N. Stern School of Business, Associate Professor, May 2014–June 2017.
NYU Leonard N. Stern School of Business, Assistant Professor, July 2008–May 2014.

Past Positions

MIT Sloan Initiative on the Digital Economy, Digital Fellow, 2015–2020

Education

Ph.D. Managerial Economics, Wharton School of Business, University of Pennsylvania, 2008.
Dissertation: "Essays on Information Technology, Labor, and Organizations"
M.Eng. Electrical Engineering & Computer Science, Massachusetts Institute of Technology, 1997.
B.S. Electrical Engineering & Computer Science, Massachusetts Institute of Technology, 1996.

Fields of Research Interest

Economics of Technical Skills, Micro-foundations of IT Diffusion, AI and Work Transformation

Recent Awards, Grants, & Honors

Best Student Paper Runner-Up, Workshop on Information Systems and Economics, *Generative AI and Creative Markets: Strategic Adaptations to AI Disruption & Data Protections*, 2025.
Best Associate Editor Award, *Management Science*, 2025.
Best Student Paper, INFORMS Conference on Information Systems and Technology, *When Data Fades: Data Investment, Depreciation, and Firm Market Value*, 2025.
Best Student Paper, Strategic Management Society Conference, *Startup Jobs in a Polarized Era: How Dobbs v. Jackson Shifted the Geography of Remote and In-Person Applications*, 2025.
Best Student Paper, USC AI in Management Conference, *Quantifying the Impact of AI on Productivity and Labor Demand*, 2025.
Research Grant, Alfred P. Sloan Foundation, *Quantifying the Diffusion and Impact of AI Technologies*, (Co-PI), \$249,708, 2024.
Best Student Paper, *Workshop for Information Systems and Economics*, 2021
Poets & Quants Best Undergraduate Business Professors, 2020
Best Student Paper, *Workshop for Information Systems and Economics*, 2020

Best Student Paper, *INFORMS Conference on Information Systems and Technology*, 2020
 Best Paper Runner Up, *INFORMS Technology, Innovation, and Entrepreneurship Section*, 2019
 Best Paper Runner Up, *INFORMS Conference on Information Systems and Technology*, 2019
INFORMS TIM and Entrepreneurship Division, Best Paper Finalist, 2017
Information Systems Research, Best Associate Editor, 2017
Management Science, Best Published Paper in Information Systems, 2016
 ISS Sandra A. Slaughter Early Career Award, 2016
 Best Paper Nomination, International Conference on Information Systems, 2015.
Management Science, Finalist for Best Paper Published in Information Systems, 2015.
Management Science, Finalist for Best Paper Published in Information Systems, 2014.
 Best Paper Nomination, International Conference on Information Systems, 2013.
ISS/Information Systems Research Best Published Paper Award, 2013.
 Research Grant, \$401,624 - Alfred P. Sloan Foundation, The Economics of IT Labor Markets Using Administrative Datasets (Sole PI), 2012.

Research

Peer-Reviewed Publications

1. Hitt, L., P. Tambe. (2007). Broadband Adoption and Content Consumption. *Information Economics and Policy*. 19(3-4), 362-378.
2. Tambe, P., L. Hitt. (2010). How Offshoring Affects IT Workers. *Communications of the ACM*. 53(10), 62-70.
3. Tambe, P., L. Hitt. (2012). Now IT's Personal: Offshoring and Shifting Skill Composition of the IT Workforce. *Management Science*. 58(4). 678-697.
4. Tambe, P., L. Hitt, E. Brynjolfsson. (2012). The Extroverted Firm: How External Information Practices Affect Innovation and Productivity. *Management Science*. 58(5), 843-859.
5. Tambe, P., L. Hitt. (2012). The Productivity of Information Technology Investments: Evidence from IT Labor Data. *Information Systems Research*. 23(3-1), 599-617.
6. Tambe, P., L. Hitt. (2013). Job Hopping, Information Technology Spillovers, and Productivity Growth. *Management Science*. 60(2), 338-355.
7. Tambe, P., L. Hitt. (2014). Measuring Information Technology Spillovers. *Information Systems Research*. 25(1), 53-71.
8. Tambe, P. (2014). Big Data Investment, Skills, and Firm Value. *Management Science*. 60(6), 1452-1469.
9. Horton, J. and P. Tambe. (2015). Labor Economists Get Their Microscope: Big Data and Labor Market Analysis. *Big Data*. 3(3), 1-8.
10. Hitt, L., P. Tambe. (2016). Healthcare IT, Work Organization, and Nursing Home Performance. *Industrial & Labor Relations Review*, 69(4), 834-859.
11. Agrawal, A., P. Tambe. (2016). Private Equity and Workers' Career Outcomes: The Role of Technological Change. *The Review of Financial Studies*, 29(9), 2455-2489.
12. Avgar, A., P. Tambe, and L. Hitt. (2018). Built to Learn: How Work Practices Affect Employee Learning During Healthcare Information Technology Implementation, *MIS Quarterly*, 42(2), 645-659.
13. Tambe, P., V. Yakubovich, and P. Cappelli. (2019). Artificial Intelligence in Human Resources Management: Challenges and a Path Forward. *California Management Review*.
14. Tambe, P., X. Ye, and P. Cappelli. (2020). Paying to program? Engineering Brand and High-Tech Wages. *Management Science*.
15. Hsu, D and P. Tambe. (2024). Remote Work and Job Applicant Diversity: Evidence from Technology Startups. *Management Science*.
16. Gaebler, J., Goel, S., Huq, A., Tambe, P. (2025) Auditing Large Language Models for Race & Gender Disparities: Implications for Artificial Intelligence-Based Hiring. *Behavioral Science & Policy*.
17. Tambe, P. and T. Yang. The Hidden Cost of Innovation: Access to Emerging Technologies and the Gender Wage Gap. *MIS Quarterly*.
18. Horton, J. and P. Tambe. (2025) The Death of a Technical Skill. *Information Systems Research*.

19. Nyberg, A., D. Schleicher, [and 15 others, including P. Tambe]. (2025) A Brave New World of HR Research: Identifying Grand Challenges of the GenAI Revolution. *Journal of Management*.
20. Tambe, P. (2026) Reskilling the Workforce for AI: Domain Expertise and Algorithmic Literacy. *Management Science*.

Working Papers and Research in Progress

21. Tambe, P., L. Hitt, D. Rock, and E. Brynjolfsson. Invisible Assets, Visible Concentration: 30 Years of Digital Capital Accumulation in U.S. Firms. (under minor revisions)
22. Pereira, M., S. Greenstein, R. Sadun, P. Tambe, L. Darre, T. Glazer, A. Kim, R. Dodhia, and J. Ferres. The New Digital Divide (in revision for third round review).
23. E. Pak, P. Tambe, and D. Hsu. Startup Jobs in a Polarized Era: How *Dobbs v. Jackson* Shifted the Geography of Remote and In-Person Applications (under revision).
24. Cheng, Z., D. Lee, and P. Tambe. Out of Unstructured Data, Atlas! Mapping Strategic Landscapes with Generative AI.
25. Rock, D., P. Tambe, and Z. Wang. Deep Capital for Deep Learning.
26. Baviskar, S., L. Branstetter, P. Tambe, E. Hovy. Strategic Advantage in the Age of AI: Patents, Elite Talent, and Firm Productivity. (Recipient of Research Grant from Alfred P. Sloan Foundation)
27. Agrawal, A., D. Kim, P. Tambe. From Mainframes to Machine Learning: Skill Mismatch Over the Technology Lifecycle.
28. Hamilton, P., Wang, Z., Hsu, D., Tambe, P. Talent as a Bottleneck to the Spatial Diffusion of Digital Innovations.
29. Xia, H., P. Tambe. When Data Fades: Data Investment, Depreciation, and Firm Market Value.
30. Zhou, E., D. Lee, G. Burtch, D. Rock, P. Tambe. Generative AI and Creative Markets: Strategic Adaptations to AI Disruption & Data Protections
31. Hasan, S., D. Hsu, P. Tambe. Organizing Artificial Expertise. (Recipient of WAI AI Research Grant)

Books, Chapters, and Practitioner Articles

- Korst, J., S. Puntoni, and P. Tambe (2026). Managers and Executives Disagree on AI—and It's Costing Companies. *Harvard Business Review*. [Link](#).
- Tambe, P. (2025). Measuring AI Value: Puzzles, Challenges, and Opportunities. *AI Compendium*, American Enterprise Institute.
- Cappelli, P., P. Tambe, and V. Yakubovich (2024). Will Large Language Models Really Change How We Work? *Sloan Management Review*.
- Cappelli, P., P. Tambe, and V. Yakubovich (2021). Could Data Science Change Human Resources? *The Future of Management in an AI World*.
- Tambe, P., X. Ye, and P. Cappelli (2019). Recruiting High-Tech Talent With Learning Opportunities. *VoxEU.org*.
- Brynjolfsson, E., D. Rock, and P. Tambe. (2019). How will machine learning transform the labor market? Stanford Hoover Institution Brief.
- Tambe, P. (2016). Why it pays to be where the IT talent already is. *MIT Sloan Management Review*, *Frontiers Blog*.
- Ferguson, M., L. Hitt, and P. Tambe. (2013). The Talent Equation: Big Data Lessons for Navigating the Skills Gap and Building a Competitive Workforce. *McGraw Hill Publishing*.

Refereed Conferences

- Hamilton, P., Wang, Z., Hsu, D., Tambe, P. 2025. Talent as a Bottleneck to the Spatial Diffusion of Digital Innovations. Conference on Information Systems and Technology. Atlanta, GA.
- Xia, H., P. Tambe. 2025. When Data Fades: Data Investment, Depreciation, and Firm Market Value. Conference on Information Systems and Technology. Atlanta, GA. (**Best Student Paper Award**)
- Gaebler, H., Goel, S., Huq, A., and P. Tambe. 2024. Auditing the Use of Language Models to Guide Hiring

- Decisions. SCECR. Lisbon, Portugal.
- Pak, E., P. Tambe, and D. Hsu. 2023. Political Polarization and Tech Talent. Workshop on Information Systems and Economics, Hyderabad, India.
- Pak, E., P. Tambe, and D. Hsu. 2023. Political Polarization and Tech Talent. Conference on Information Systems and Technology. Phoenix, AZ.
- Rock, D., P. Tambe, and Z. Wang. 2022. Deep Capital for Deep Learning. Conference on Information Systems and Technology. Indianapolis, IN.
- Hsu, D., E. Pak., and P. Tambe. 2022. Signals from (De)Centralized Finance. Evidence from Technology Startups. SCECR Conference. Madrid, Spain.
- Rock, D., P. Tambe, and Z. Wang. 2021. Climbing the AI Ladder: Information Technology, Business Transformation, and Increasing Returns. Workshop on Information Systems and Economics. (**Best Student Paper Award**)
- Hsu, D. and P. Tambe. 2021. Remote work and applicant diversity: Evidence from Startups. Conference on Information Systems and Technology.
- Chang, Z., D. Lee, and P. Tambe. 2020. Robot Inventors? Patents, Generative Models, and Innovation Frontiers. Workshop on Information Systems and Economics. (**Best Student Paper Award**)
- Chang, Z., D. Lee, and P. Tambe. 2020. Robot Inventors? Patents, Generative Models, and Innovation Frontiers. INFORMS Workshop on Data Science. (**Best Student Paper Runner-Up**)
- Erol, A., L. Hitt, and P. Tambe. 2020. Does EMR Adoption by Nursing Homes Decrease Hospitalization Costs? INFORMS Conference on Information Systems and Technology. (**Best Student Paper Award**)
- Wang, S. and P. Tambe. 2020. Technology Adoption and Job Design. INFORMS Conference on Information Systems and Technology.
- Chang, Z., D. Lee, and P. Tambe. 2020. Robot Inventors? Patents, Generative Models, and Innovation Frontiers. INFORMS Conference on Information Systems and Technology.
- Tambe, P. 2019. An Inside Job? Gender, Tech Careers, and Wages for Technology Workers. INFORMS Conference on Information Systems and Technology, Seattle, Washington.
- Tambe, P., L. Hitt, D. Rock, and E. Brynjolfsson. 2019. AI and Intangible Capital. INFORMS Conference on Information Systems and Technology, Seattle, Washington. (**Best Paper Runner-up**)
- Tambe, P. 2018. From Data to Decisions: AI and the New Basic Skills. INFORMS Conference on Information Systems and Technology, Phoenix, Arizona.
- Ye, X., P. Tambe. 2017. Sourcing and Screening High-Tech Workers. Proceedings of the 37th International Conference on Information Systems, Seoul, Korea.
- Horton, J., P. Tambe. 2017. The Death of a Technical Skill: Evidence from the Demise of Adobe Flash. INFORMS Conference on Information Systems and Technology, Houston, Texas.
- Ye, X., P. Tambe. 2015. Why Do High-Tech Firms Provide Perks at Work? Proceedings of the 35th International Conference on Information Systems, Dallas, TX. (**Best Paper Nomination**)
- Ye, X., P. Tambe. 2015. Why Do High-Tech Firms Provide Perks at Work? INFORMS Conference on Information Systems and Technology.
- Agarwal, R., R. Bapna, A. Ghose, S. Slaughter, G. Shmueli, P. Tambe. 2014. Does Growing Demand for Data Science Represent New Opportunities for Information Systems? (Panel) Proceedings of the 35th International Conference on Information Systems.
- Tambe, P., X. Ye, P. Cappelli. 2014. Learning and Wages in High-Tech Labor Markets. INFORMS Conference on Information Systems and Technology.
- Agrawal, A., P. Tambe. 2013. Private Equity, Technological Investment, and Labor Outcomes. Proceedings of the 34th International Conference on Information Systems. (**Best Paper Nomination**)
- Agrawal, A., P. Tambe. 2013. Private Equity, Technological Investment, and Labor Outcomes. INFORMS Conference on Information Systems and Technology.
- Saunders, A., P. Tambe. 2013. A Measure of Firms' Information Practices Based on Textual Analysis of 10-K Filings. INFORMS Conference on Information Systems and Technology.
- Tambe, P., P. Cappelli. 2013. Reservation Wages With Consequences: Evidence from Jobs Boards. American Economic Association (AEA) Annual Meeting.
- Tambe, P. 2012. Inter-Industry IT Spillovers After the Dot-Com Bust. Proceedings of the 33rd International Conference on Information Systems, Orlando, FL.

- Tambe, P., L. Hitt, and E. Brynjolfsson. 2011. The Price and Quantity of IT-Related Intangible Capital. Proceedings of the 32nd International Conference on Information Systems.
- Tambe, P. 2011. The Dot-Com Crash, the Migration of Technical Skills, and Productivity after the Bust. INFORMS Conference on Information Systems and Technology. **(Best Paper Nomination)**
- Tambe, P., L. Hitt. 2010. Job Hopping, Knowledge Spillovers, and Regional Returns to Information Technology Investments. Proceedings of the 31st International Conference on Information Systems.
- Tambe, P., L. Hitt. 2010. Now IT's Personal: Offshoring and the Shifting Skill Composition of the U.S. Information Technology Workforce. Proceedings of the 31st International Conference on Information Systems.
- Avgar, A., P. Tambe, and L. Hitt. 2010. The Effects of Organizational Factors on Healthcare IT Costs: Evidence from New York Nursing Homes, Proceedings of the 43th Hawaii International Conference on System Sciences.
- Tambe, P., L. Hitt, and E. Brynjolfsson. 2008. The Extroverted Firm: How External Information Practices Affect Productivity Proceedings of the 29th International Conference on Information Systems.
- Tambe, P., L. Hitt. 2007. Offshoring and the Shifting Skill Composition of the U.S. Information Technology Workforce. INFORMS Conference on Information Systems and Technology.
- Tambe, P. and L. Hitt. 2006. Measuring Spillovers from Information Technology Investments. Proceedings of the 27th International Conference on Information Systems.

Invited Seminar Presentations

- 2026: University of Georgia, Revelio Labs, Erasmus University, Tilburg University, University of Washington (scheduled), University of Southern California (scheduled).
- 2025: University of Connecticut, University of Wisconsin, Harvard Business School, Boston University, University of Houston, OpenAI, Emory University.
- 2024: Federal Reserve Board of NY, NOVA School of Business, Temple University, University of Michigan, University of British Columbia, Indian School of Business.
- 2023: HEC Paris, Chapman University.
- 2022: University of Florida, University of Minnesota, UCLA, MIT IDE Seminar.
- 2021: Boston College.
- 2020: CMU & U. Pittsburgh (joint), McGill University, NTU Singapore, George Mason University.
- 2019: Emory University (ISOM Workshop), University of Southern California, MIT.
- 2018: Temple University, Erasmus, University of Texas, University of Maryland, University of Utah.
- 2017: Michigan State University, University of Pittsburgh, University of Rochester, Cornell University.
- 2016: Federal Reserve Bank of Atlanta, University of Texas-Dallas, University of Pennsylvania.
- 2015: University of Washington, University of Illinois (Chicago), Arizona State University, Harvard.
- 2014: Purdue University, Temple University, University of Minnesota, University of Illinois.
- 2013: CMU, Boston College, University of British Columbia, Michigan State University.
- 2012: University of Maryland, UC San Diego, Georgia Tech, University of Minnesota.
- 2011: UC Irvine, MIT Sloan School of Management.
- 2008: New York University, University of Minnesota, Cornell, UC Irvine, University of Maryland.

Conference Presentations and Discussions

- 2026: American Economic Association, UC Irvine AI workshop, Tulane AI Conference, Academy of Management (scheduled)
- 2025: Wharton Technology and Innovation Conference, Columbia University MAD Conference, Wharton Business and Generative AI Conference, Conference on Field Experiments in Strategy (CFXS), Columbia AI/ML Conference, Workshop on Information Systems and Economics
- 2024: Stanford HAI AI Measurement Workshop, Statistical Challenges in Electronic Commerce Research (SCECR), HEC Paris (Keynote), U. Minnesota MALC Workshop, WAIAI Research & Education Symposium, University of Rochester AI Policy Workshop

2023: Georgetown/Brookings Panel on ChatGPT and the Future of Work, NBER IT and Digitization, Strategic Management Society, INFORMS Conference on Information Systems and Technology, Temple AI/ML Conference, Workshop on Information Systems and Economics

2022: University of Oklahoma AI Colloquium, Statistical Challenges in Electronic Commerce (SCECR), NBER Economics of AI Conference, CMU Future of Work Conference, INFORMS Conference on Information Systems & Technology, NABE Conference Panel

2021: Temple University, Service in the World of Artificial Intelligence and Digital Technologies (Keynote Panel), Wharton People & Organizations, INFORMS CIST, UN-ODC Panel on Technology and Labor Markets

2020: NBER IT and Digitization (discussant), Workshop on Information Systems and Economics

2019: HBS Digital Initiative Discussion and Symposium, Harvard CCC Fairness and Economics Workshop, IT Teaching Workshop, Brookings Institute Initiative on Productivity Measurement, NBER Conference on Artificial Intelligence, INFORMS Conference on Information Systems and Technology, Stanford HAI Roundtable Workshop, 2019 Conference on Artificial Intelligence, Machine Learning, and Digital Analytics

2018: American Economic Association, Arizona State University Workshop on the Future of Work, Organization Science Winter Conference, NBER IT and Digitization, Academy of Management, NBER Economics of AI, INFORMS Conference on Information Systems and Technology, Workshop on Information Systems and Economics

2017: American Economic Association, NBER IT and Digitization, Academy of Management, INFORMS Conference on Information Systems and Technology

2016: Industry Studies Association, Academy of Management

2015: Academy of Management, NBER Summer Institute (Economics of IT and Digitization), MIT Sloan Initiative on the Digital Economy Conference, Georgia Tech Sandra A. Slaughter Software Conference, NBER Winter Conference on Digitization

2014: Workshop on Information Systems and Economics, International Conference on Information Systems, INFORMS Conference on Information Systems and Technology, Wharton People and Organizations Conference, American Sociological Association, Academy of Management, NBER Summer Institute (Economics of IT and Digitization), London Business School Strategy Conference, ILR Review Conference on Employment Relations in Healthcare

2013: International Conference on Information Systems, Duke Strategy Conference, INFORMS Conference on Information Systems and Technology (CIST), Academy of Management, UCSD/Sloan Foundation - Understanding Change in Science and Engineering, NBER Summer Institute (Economics of IT and Digitization), American Economic Association

2012: International Conference on Information Systems, Workshop on Information Systems and Economics, NBER Summer Institute (Income and Wealth)

2011: International Conference on Information Systems, Industry Studies Association Conference, Workshop for Information Systems and Economics, INFORMS Conference on Information Systems and Technology

2010: NBER Summer Institute (IT and Digitization), Wharton People and Organizations Conference, NYU IOMS 10th Anniversary Day, Industry Studies Association Conference, Workshop for Information Systems and Economics, International Conference on Information Systems, Hawaii International Conference on System Sciences

2009: Workshop for Information Systems and Economics, SASE conference

2008: Workshop on Information Systems and Economics, International Conference on Information System, Sloan Industry Studies Conference, Commonwealth Foundation, Academy of Management, ICIS Doctoral Consortium, INFORMS, INFORMS Conference on Information Systems and Technology

2007: Academy of Management, Telecommunications Policy Research Conference, International Conference on Information Systems, Workshop for Information Systems and Economics

Industry, Internal, and Government Presentations

Guest Speaker, Wharton M&T Seminar, 2025

Panelist, Penn AI and Governance Conference, University of Pennsylvania, 2025
 Invited Panelist, AI & the Future of Work, Temple University, 2024
 Invited Panelist, Conference on Health IT & Analytics, Johns Hopkins, 2024
 Moderator, Generative AI Panel, M&T Conference, 2024
 Keynote, PA Chamber of Commerce, IT and Innovations Conference, 2023
 AI Ethics & Governance Meeting with PA State Legislators, 2023
 Wharton Center for Human Resources, 2023
 National Academies of Engineering CS Workforce Committee, 2023
 Master Kong - Wharton Customer Analytics, 2022
 Penn Wharton China Center, 2021
 Wharton Webinar Series, 2021
 Burning Glass Technologies, 2017
 MGI-NYU Digital Future of Work Summit, 2017
 Russell Sage Foundation Workshop on Non-Standard Work, 2016
 National Academies/NSF Workshop on Measuring the Science and Engineering Workforce, 2016
 Federal Reserve Bank of Atlanta, Public Affairs Forum, "Big data and HR", 2016
 Weissberg Forum for Discourse in the Public Square at NYU DC, 2016
 MIT On-Demand Economy Conference, 2016
 Workforce Ready, (Keynote Talk), "Big data and HR", 2014
 Strategic Management Society, "Big data: Revolutionizing innovation and competition" 2014
 Rockefeller Foundation & Institute for the Future, "The future of youth employment", 2014
 NYU MSBA "Analytics at work" Conference, 2014
 Berkeley Data Edge, "Big data investment, skills, and firm value", 2014
 UT Austin Workshop on Social and Business Analytics, 2014
 The Conference Board, "Technological progress and labor market disruption", 2014
 NYU Stern Strategy Conference, "Big data and strategic decision making", 2014
 McGraw Hill Webcast, "Open data and big data: Job creation", 2014
 The Conference Board, "Big data and HR", 2014
 CareerBuilder (Webinar), "The Talent Equation", 2014
 International Symposium on Contemporary Labor Economics (Plenary Talk), 2013
 The Conference Board, "Big data investment, skills, and firm value", 2013
 LinkedIn, "Big data investment, skills, and firm value", 2012

Other External Presentations and Internal Seminars

NYU ISPOC Online Ph.D. Student Fireside Chat, 2024
 UT Austin IT Teaching Conference, 2024
 Wharton IDDEAS Doctoral Consortium Presentation, 2024
 Generative AI Panel Moderator for M&T Summit, 2024
 Center for Teaching & Learning (Teaching with ChatGPT), 2024
 Wharton 9010 Seminar Presentation, 2023
 Wharton-INSEAD Alliance Doctoral Presentation, 2022
 Wharton 9010 Seminar Presentation, 2022
 Wharton 1010 IS Presentation, 2022
 Wharton 9010 Seminar Presentation, 2020
 Wharton 1010 IS Presentation, 2020
 Big Data for Federal Agencies (Guest Lecture), 2017
 Stern Engagement Expo, 2016
 Office of Student Engagement Undergraduate Tech Day, 2016
 Big Data for Federal Agencies (Guest Lecture), 2015
 NYU Stern Creativity and Innovation Seminar, 2015

NYU MOILS (Operations Management Lunch Seminar), 2015
 IOMS Research Fest, 2014
 NYU MOILS (Operations Management Lunch Seminar), 2014
 UC Irvine IT Teaching Workshop, 2012
 NYU TUILES (IS Lunch Seminar), 2012
 NYU TUILES (IS Lunch Seminar), 2011
 NYU TUILES (IS Lunch Seminar), 2010

Teaching

Wharton Teaching Excellence Award, 2017, 2018, 2019, 2020, 2021, 2023, 2024, 2025

Professional Service

Co-Chair, INFORMS Conference on Information Systems and Technology (CIST), Atlanta, 2025
 Associate Editor, *Management Science*, 2016–2025
 Co-Chair, Wharton AI & the Future of Work Conference, 2024, 2025
 Co-Chair, Wharton Business & Generative AI Conference, 2023
 Best paper selection committee, WISE 2022
 Co-chair Workshop for Information Systems and Economics (WISE), Munich, Germany 2019
 Co-chair IT Teaching Workshop, Philadelphia PA, 2019
 Associate Editor, *Information Systems Research*, Special Issue on Humans, Algorithms, and AI
 Associate Editor, *Information Systems Research*, 2015–2019
 Organizing Committee, INFORMS Conference on Information Systems and Technology (CIST), Philadelphia, 2015
 Associate Editor, *MIS Quarterly*, Special Issue on Big Data and Societal Transformation
 Associate Editor, *Information Systems Research*, Special Issue on IT and the Changing Nature of Work
 Associate Editor, International Conference on Information Systems, 2011–2014, 2017, 2018
 Program Committee, INFORMS CIST, 2011–2014, 2016, 2017, 2021
 Distinguished Service Award, *Management Science*, 2014
 Meritorious Service Award, *Management Science*, 2013
 Reviewer for *Alfred P. Sloan Foundation*, *Administrative Science Quarterly*, *Behavioral Science & Policy*, *Contemporary Economic Policy*, *Hawaii International Conference on System Sciences*, *IEEE Transactions on Education*, *Information Systems Research*, *International Economic Review*, *International Conference on Information Systems (ICIS)*, *International Journal on Information Management*, *Information Resources Management Journal*, *Journal of Big Data*, *Journal of Business Research*, *Journal of Human Resources*, *Journal of Economics and Management Strategy*, *Journal of Economic Behavior and Organization*, *Journal of the European Economic Association*, *Journal of Labor Economics*, *Journal of Management Information Systems*, *Journal of Strategic Information Systems*, *MIS Quarterly*, *Management Science*, *Manufacturing & Service Operations Management*, *MIT Sloan Management Review*, *National Science Foundation*, *Organization Science*, *Oxford Economic Papers*, *Oxford Bulletin of Economics and Statistics*, *Production and Operations Management*, *Quarterly Journal of Economics*, *Research Policy*, *Review of Economics and Statistics*, *Review of Financial Studies*, *Science*, *Work and Occupations*
 Session Organizer for Academy of Management 2013 and 2017 and Industry Studies Conference 2011
 Session Chair for INFORMS CIST 2013, WISE 2012, and WISE 2011

School and Departmental Service and Committees

OID Faculty Recruiting Committee (Chair), 2025-2026.
 OID Ph.D. Admissions Committee, 2017–2019, 2021–2026.
 Faculty Advisor for Wharton AI Major/Concentration (BUAI), 2025–Present.

Faculty IT Steering Committee, 2025–2026.
 WAI AI Faculty Advisory Committee, 2024–2025.
 OID Q-Review Committee, 2024–2025.
 Wharton AI Concentration and Major Development Committee, 2024–2025.
 OID Reading Committee for Faculty Reappointment, 2023 (Chair)
 OID Department Chair Search Committee, 2021.
 OID Ph.D. Program Evaluation Committee, 2020–2021.
 Wharton Faculty Fellows Program, 2019–2020.
 OID Q-Review Committee, 2019–2020.
 OID Faculty Recruiting Committee, 2019–2020.
 OID Reading Committee for Faculty Promotion, 2019
 Wharton IT Faculty Steering Committee, 2017–2018
 (NYU) IS Ph.D. Coordinator, 2014–2017
 (NYU) IS Undergraduate Advisor, 2014–2017
 (NYU) Co-coordinator for IOMS Colloquium Seminar Series, 2013–2017
 (NYU) IS Faculty Recruiting Committee, 2013, 2014, 2015, 2016
 (NYU) IS Research Seminar Series Organizer, 2009–2014
 (NYU) IS Representative for OM Faculty Recruiting, 2014
 (NYU) NYU Stern New Faculty Orientation, 2013, 2014
 (NYU) IS Ph.D. Admissions Committee, 2009, 2012, 2013

Advising and Student Committees

Ph.D. Students, Primary Advisor (year, initial placement):

Zhiwei (Berry) Wang
 Sirui Wang (2022, McKinsey)
 Xuan Ye (2017, Assistant Professor, Boston College).

Ph.D. Students, External Committee Member (year, initial placement):

Eric Zhou [Boston University student]
 Jun Wang [DBA student at Pepperdine University] (2025)
 Sagar Baviskar [Carnegie Mellon University student] (2025)
 Shun Yiu (2025)
 Zhaoqi Cheng [Boston University student] (2024, Assistant Professor, Worcester Polytechnic Institute)
 Atiye Cansu Erol (2024, Assistant Professor, Johns Hopkins University)
 Sebastien Steffen [MIT student] (2022, Assistant Professor, Boston College)
 Daniel Rock [MIT student] (2019, Assistant Professor, U. Pennsylvania).
 Jean Carlos Bonilla (2016, DataKind).
 Tingting Nian (2015, Assistant Professor, UC Irvine).
 Jason Chan (2014, Assistant Professor, University of Minnesota).

Postdoctoral Students (year, next placement):

Veeresh Thummadi (2015, Penn State).

Masters, Undergraduate, and MBA Independent Study Projects:

2026: Ella Phillipy, Eliana Jean, Thivya Jayapalan
 2025: Shivani Singh, Stuti Modi, Vasundhara Singh
 2024: Yuri Ma, Sandhya Mahesh
 2023: Shan Shan Liang, Ibreez Esmail, Thomas Kyong, Bailey Campbell
 2022: Ria Chinchinkar, Samidha Sane
 2021: Kenji Tanaka, Raveen Kariyawasam
 2020: Magnus Allan, Iris Cai, Corey Parker
 2019: Danielle Goh, Elyse Friedman, Savi Joshi
 2018: Anannya Shandilya

2017 and before: Jacob Reamer, Daniel Cathie, Sakshi Chauhan, Jasdev Singh, Abhishek Kushwaha

Industry Experience

Intelligenx, 1999–2003

Vice President of Engineering

DSP Software Engineering, 1997–1999

Software Engineer