Ajit Appari

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CURRENT APPOINTMENT AND ADDRESS
Research Assistant Professor of Management (visiting position),
Owen Graduate School of Management,
Vanderbilt University

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[Current Citation Count @Google Scholar=632, h-index=9]

DEMOGRAPHIC INFORMATION
Citizenship: INDIA; U.S. Permanent Resident (January, 2015); **DoB:** June, 1971
Marital Status: Single; **Race/Ethnicity**: Asian (Indian)

A. BACKGROUND

A.1. Education

2008 **Doctor of Philosophy** in Business Administration (Specialization: Management Information Systems, and Supply Chain Management), **Syracuse University**, Syracuse, NY

Dissertation: "Measurement of Information Technology Investment Risks: A Multifactor Model and its Operationalization." (Advisor: Michel Benaroch, PhD)

1996 **Master of Technology** (Specialization: Quality, Reliability and Operations Research), **Indian Statistical Institute**, Kolkata, **India**

Thesis: "Infinite Server Queuing System with Variable Size of Service Batch in a Bulk Service System with a Size Constraint R." (Advisor: Y.R. Sarma, PhD)

1993 **Bachelor of Technology** (Specialization: Production Engineering and Management), **National Institute of Technology Calicut** (formerly: Regional Engineering College Calicut under University of Calicut), **India**

A.2. Continuing Education/ Professional Development (post PhD)

2018 *Social Networks and Health Workshop,* May 14-18, Duke Network Analysis Center and Duke Population Research Institute, Duke University, Durham, NC.

2017 *NSF-IMA Industrial Mathematics Workshop and Clinic*: *Collaboratively Tackling Emerging Problems in Industry*, Jul 24-Aug 11, University of Minnesota, Twin Cities, MN.

2014 *New Investigator Development Program*: *Grants 101* (Jan 16-17), and *Grants 102* (Feb-May), UTHealth.

2013 *Professional Development Workshop- Health Care Management Division*, Academy of Management, Aug 9–13, Orlando, FL.

2012 *Emerging Scholars Consortium/ Professional Development Workshop- Health Care Management Division*, Academy of Management, Aug 3–7, Boston, MA.

2012 *The Dartmouth Institute Professional Development Seminar*, Fall Semester, Dartmouth College, Hanover, NH.

2012 *SYNERGY Certificate Program in Translational Research Methods*, June 11–15, Dartmouth College, Hanover, NH.

2011 *Advanced Methods in Health Services Research* (graduate level), Spring Semester, Dartmouth College, Hanover, NH.

A.3. Research Interests

Statement	Generate rigorous empirical knowledge base to (1) enhance the role of information technology in improving health care, and (2) eliminate/reduce socioeconomic disparity of health and health care delivery.
Focus Areas & Methods	Economics of (Health) Information Technology, Socioeconomics of Health and Health Care Delivery, (Multiple) Chronic Conditions, Area-level Socioeconomic Determinants, Advanced Econometrics, Causal Modeling, Organizational Behavior, Information Systems, Medical Sociology, Prediction Modeling, Big Data
Settings	Hospitals, Long-Term Care Facilities, Outpatient/Clinics, Working-Age Adults and Older Population

A.4. Honors and Awards

2019	Summer Research Support ($18,000), Owen Graduate School of Management at Vanderbilt University. This includes a visiting research faculty appointment during June-August 2019 at Owen School.
2017–2018	NIH Early Career Reviewer Program, Center for Scientific Review, 2017
2013	Best Abstract Award, Health IT Interest Group Meeting (AcademyHealth), June 22, 2013, Baltimore, MD
2013⊕	Lead Article, Health Services Research, 48(2pt1) "Meaningful Use of EHR Systems and Process Quality of Care: A Panel Data Analysis of US Acute-Care Hospitals" [top 5 downloaded article at journal site in 2013]
2013–2016	Faculty Research Start–up Fund, ($50,000), UTHealth School of Public Health
2012⊕	Editor's Choice for the article titled "Medication Administration Quality and Health Information Technology: A National Study of US Hospitals" published in JAMIA 19(3) issue
2010	Lead Article of the issue in International Journal of Internet and Enterprise Management, 6(4) "Information Security Risk and Privacy in Healthcare: Current State of Research,"
2006	Summer Research Grant ($4,000), Robert H. Brethen Operations Management Institute-Syracuse University
2006–2007	Teaching Fellow alternate, The Graduate School, Syracuse University
2005	Inducted to PHI BETA DELTA, Honor Society for International Scholars, Syracuse University
2005	Summer Research Grant ($3,000), Robert H. Brethen Operations Management Institute, Syracuse University
2003	Summer Research Grant ($3,000), Center for Creation and Management of Digital Ventures, Syracuse Uni.
2002–2007	Teaching Assistantships (total: $74,625) – Whitman School of Management, and Tuition Scholarships (total: 120 Credit Hours ≈$82,320) – Graduate Enrollment Management Center, Syracuse University
2003	Summer Research & Travel Grant, ($2,000), The IBM Fund, Syracuse University
1994–1996	Graduate Assistantship, Indian Statistical Institute, India
1989–1993	Parent Teacher Association Scholarship, National Institute of Technology Calicut, India
1987	National Merit Certificate (High School Examination), Government of India

⊕: These articles were made freely available by respective journals at their own cost.

A.5. Professional Experiences

Academic Positions

6/2019–	*Research Assistant Professor* (*Visiting Position*) of Management, Vanderbilt University
6/2018–	*Senior Editor*, Electronic Commerce Research and Applications
2018–2019	*Assistant Teaching Professor* (*Visiting Position*) of Information Technology, Worcester Polytechnic Institute
2013–2018	*Assistant Professor* of Healthcare Management and Policy, UTHealth School of Public Health
	Faculty Affiliate: Center for Health Systems Research, Policy, & Practice
	Faculty Affiliate: Fleming Center for Healthcare Management
2014-2018	*Associate Editor*, Electronic Commerce Research and Applications
2008–2013	*Research Fellow*, Center for Digital Strategies at Tuck, Dartmouth College
2008–2013	*Postdoc Affiliate*, The Institute for Security, Technology, and Society, Dartmouth College
2002–2008	*Teaching Assistant/Instructor*, Whitman School of Management, Syracuse University

Industry Positions

1999–2002	*Principal Software Engineer*, Honeywell Technology Solutions Lab., India
1998–1999	*Software Quality Engineer*, Accord Software & Systems Pvt. Ltd, India
1997–1998	*Specialist Development Program Fellow* (Quality Consultant), Statistical Quality Control & Operations Research Division, Indian Statistical Institute, Bangalore, India
1996–1997	*Quality Engineer*, Paharpur Cooling Towers Ltd., India

B. RESEARCH PUBLICATIONS

[*: Student coauthor; †: Dissertation/Thesis advisee; ‡: me as senior author contributing to study design, analysis, and manuscript writing]

B.1. Peer–Reviewed Journal Articles

1. **Appari A**, Johnson ME, Anthony DL. (2018). "Health IT and Inappropriate Overutilization of Outpatient Imaging: A Cross-Sectional Study of US Hospitals." *International Journal of Medical Informatics* 109:87-95 {Impact Factor: 3.21; ABDC List: A}.

2. Abbass I*, Revere FL, Jordan M, **Appari A**‡. (2017) "Medication Nonadherence: The Role of Cost, Community, and Individual Factors," *Health Services Research*, 52(4): 1511-1533{Impact Factor: 3.089; ABDC List: A; Flagship Journal AcademyHealth}. [Citation Count=6]

3. **§Appari A**, Johnson ME, Anthony DL. (2014) "Information Technology and Patient Safety: A Cross-Sectional Study of US Acute Care Hospitals," *American Journal of Managed Care*, 20(Special Issue 17): eSP39–eSP47. {Impact Factor: 1.657}. [Citation Count=6]

4. Anthony DL, **Appari A**, Johnson ME. (2014) "Institutionalizing Compliance: Strategies, Environments, and Competing Logics in the U.S. Healthcare," *Journal of Health and Social Behavior*, 55 (1): 108-124. {Impact Factor: 3.000; Flagship Journal of American Sociological Association}. [Citation Count=20]

5. **§Appari A**, Johnson ME, Anthony DL. (2013) "Meaningful Use of EHR Systems and Process Quality of Care: A Panel Data Analysis of US Acute-Care Hospitals," *Health Services Research*, 48(2–part1): 354–75 [*Lead article*]. {Impact Factor: 3.089; Flagship Journal of AcademyHealth; ABDC List: A}. [Citation Count=81]

6. **§Appari A**, Carian EK*, Johnson ME, Anthony DL. (2012) "Medication Administration Quality and Health Information Technology: A National Study of US Hospitals," *JAMIA*, 19(3): 360–367 [recognized as *Editor's Choice* of article]. {Impact Factor: 3.698; Flagship Journal of the American Medical Informatics Association; ABDC List: A}. [Citation Count=67]

7. Benaroch M, **Appari A**. (2011) "Pricing E-Service Quality Risk in Financial Services," *Electronic Commerce Research and Applications*, 10(5): 534–544. {Impact Factor: 1.954; ABDC List: C}. [Citation Count=18]

8. **Appari A**, Johnson ME. (2010) "Information Security Risk and Privacy in Healthcare: Current State of Research," *International Journal of Internet and Enterprise Management*, 6(4): 279–314 [*Lead article*]. [Citation Count=338]

9. Benaroch M, **Appari A**. (2010) "Financial Pricing of Software Development Risk Factors," *IEEE Software*, 27(5): 65–73. {Impact Factor: 2.190; Flagship Journal Magazine of IEEE Computer Society}. [Citation Count=21]

10. **Appari A**, Benaroch M. (2010) "Monetary Pricing of Software Development Risks: A Method and Empirical Illustration," *Journal of Systems and Software*, 83(11): 2098–2107. {Impact Factor: 2.444; ABDC List: B}. [Citation Count=19]

[§: *These articles were cited in the national reports prepared by the Office of the National Coordinator for Health IT, at the U.S. Department of Health and Human Services: https://tinyurl.com/y6th45e6 ; and https://tinyurl.com/zugqb5d*]

B.2. Manuscripts under Review/ Modification for Journal Submission

1. **Appari A.**, Ukhanova M†. "Patterns of Multiple Chronic Conditions in Working-Age Adults and their Association with Individual Factors and Neighborhood Socioeconomic Factors." Submitted: *Social Science and Medicine*.

2. Gabriel M.H., Atkins D., **Appari A.,** Maresca M., Cortelyou-Ward K., Rotarius T., Pereira V. "Examining the Relationship between Innovative Payment Models and Hospital Readmission Rates." Target: *American Journal of Medical Quality*.

3. **Appari A.**, Ding X. "EHR Meaningful Use and Organizational Performance: Moderating Effects of Patient Safety Culture in US Hospitals.". Target: *Health Care Management Review*.

4. Rafeek YA*, **Appari A.** "Health Information Seeking Behavior Among Individuals with Multiple Chronic Conditions: Insights from 2016-National Health Interview Survey." Target: *JAMIA*

5. Ukhanova M†, Morgan RO, **Appari A**‡. "Effects of Continuity of Care and Physician-Specialty Mix on the Polypharmacy Risk among Working-Age Adults with Multiple Chronic Conditions." Target: *Annals of Family Medicine*.

6. Chaudhry MT†, **Appari A.** "Diffusion of Robotic Cholecystectomy in US Hospitals: A Time Trend Analysis of National Inpatient Samples from 2010 to 2015." Target: TBD.

7. Chaudhry MT†, **Appari A.** "Hospital Cost Effectiveness of Robotic Cholecystectomy Versus Laparoscopic and Open Cholecystectomy in US Hospitals." Target: TBD.

8. Chaudhry MT†, **Appari A.** "Quality Outcomes Comparison of Robotic Cholecystectomy Versus Laparoscopic and Open Cholecystectomy in US Hospitals: A National Study from 2010 to 2014." Target: TBD.

B.3. Research Projects in Progress

1. **Appari A.**, Johnson ME. "Association of Information Security Investments on Healthcare Quality in Heterogeneous Regulatory Environments." [New Project].

2. **Appari A.**, Gabriel, M.H. "Socioeconomic Differences in EHR Enabled Patient-Provider Engagement among American Adults with/without Multimorbidity Burden."

3. **Appari A.** "Sluggishness of Nursing Facilities in Resolving Payment Denial Related Noncompliance: Implications of Institutional, Upper Echelon and Market Factors."

4. **Appari A.** "Prediction Modeling of Post-Surgical Complications for Cardiovascular Surgery Patients with or without Multiple Chronic Conditions." [New Project]

5. **Appari A**. "Meaningful Use of Health IT and Emergency Department Performance on Wait Time and Length of Visit at US Hospitals."

6. **Appari A.**, Rodriguez H. "A Natural Experiment of the HITECH Act's Impact on Reducing Utilization and Spending Disparities among Older Adults with Multiple Chronic Conditions." [New Project]

7. **Appari A**. "Spending and Readmissions for Multiple Chronic Conditions in Vulnerable Populations: Results from County–level Panel Data Analysis."

B.4. Peer–Reviewed Conference Proceedings / Presentations

1. **Appari A.** (2019). "Association of EHR Use and Opioid Prescribing Rates Among Providers in the United States." INFORMS Healthcare, July 27-29, Boston, MA.

2. **Appari A.**, Ukhanova, M. (2019). "Polypharmacy Risk for Adults Patients with Different Combinations of Multiple Chronic Condition Patterns." INFORMS Healthcare, July 27-29, Boston, MA.

3. **Appari A.** (2019). "Sluggishness of Nursing Facilities in Resolving Payment Denial Related Noncompliance: Implications of Institutional, Upper Echelon and Market Factors." AcademyHealth Annual Research Meeting, June 2-4, Washington, DC.

4. **Appari A.**, Gabriel M.H. (2019). "Information Technology Enabled Patient-Provider Engagement: Assessing Socioeconomic Differences Among American Adults with Chronic Conditions." AcademyHealth Annual Research Meeting, June 2-4, Washington, DC.

5. Gabriel M.H., Atkins D., **Appari A.,** Maresca M., Cortelyou-Ward K., Rotarius T., Pereira V. (2019). "Examining the Relationship between Innovative Payment Models and Hospital Readmission Rates." AcademyHealth Annual Research Meeting, June 2-4, Washington, DC.

6. Atkins D., Gabriel M.H., Maresca M., Talton W., Weiss E., **Appari A.** (2019). "Hospitals' Use of Electronic Clinical Health Data from EHRs: Are Hospitals Flying Blind?" AcademyHealth Annual Research Meeting, June 2-4, Washington, DC.

7. Gabriel M.H., Atkins D., Maresca M., Cortelyou-Ward K., Rotarius T., Pereira V., **Appari A.** (2019). "Examining the Relationship between Innovative Payment Models and Hospital Readmission Rates." International Health Economics Association (iHEA) World Conference, Jul 13-17, Basel, Switzerland.

8. Gabriel M.H., Atkins D., **Appari A.,** Maresca M., Cortelyou-Ward K., Rotarius T., Pereira V. (2019). "Examining the Relationship between Innovative Payment Models and Hospital Readmission Rates." Florida Undergraduate Research Conference, University of North Florida. Feb 22-23, Jacksonville, FL.

9. Ding X., **Appari A.** (2018). "EHR Meaningful Use and Organizational Performance: Moderating Effects of Patient Safety Culture in US Hospitals." DSI Annual Meeting, Nov 17-19, Chicago, IL.

10. Chaudhry MT†, **Appari A.**, Lairson DR, Rowan P, Woods M, Aworunse O. (2018). "Time Trend Analysis of Robotic Cholecystectomy Diffusion in US Hospitals Using National Inpatient Samples, 2010-2015." American Public Health Association-Annual Meeting and Exposition, Nov 10-14, San Diego, CA.

11. Chaudhry MT†, **Appari A.**, Lairson DR, Rowan P, Woods M, Aworunse O. (2018). "Comparison of Clinical Outcomes amongst Cholecystectomy Types in US Hospitals from 2010 – 2015." American Public Health Association- Annual Meeting and Exposition, Nov 10-14, San Diego, CA.

12. **Appari A.**, Gabriel, M.H. (2018). "Socioeconomic Determinants of Health Information Technology Enabled Patient-Provider Engagement Among Patients with Multimorbidity." INFORMS Annual Meeting, Nov 4-7, Phoenix, AZ

13. Wang, Z., **Appari A**. (2018). "How Philanthropic Are They? The Impact of Directors' Professional Background on the Performance of Nonprofit Private Hospitals." INFORMS Annual Meeting, Nov 4-7, Phoenix, AZ

14. Ukhanova M†, **Appari A**. (2018). "Polypharmacy and Care Coordination Intensity among Working-age American Adults with Multiple Chronic Conditions." Conference on Health IT and Analytics, Oct 19-20, Washington, DC.

15. **Appari A.**, Gabriel, M.H. (2018). "Socioeconomic Differences in EHR Enabled Patient-Provider Engagement among American Adults with/without Multimorbidity Burden." HINTS Data User Conference, Sept 13-14, Bethesda, MD

16. **Appari A.**, Ding X. (2018). "EHR Meaningful Use and Organizational Performance: Moderating Effects of Patient Safety Culture in US Hospitals." Academy of Management - Health Care Management Division's Research Incubator Professional Development Workshop, Aug 10-13, Chicago, IL.

17. Ukhanova M†, **Appari A**. (2018). "Effects of Continuity of Care and Physician-Specialty Mix on Polypharmacy Risk among Working-Age Adults with Multiple Chronic Condition Patterns." AcademyHealth Annual Research Meeting, June 24-26, Seattle, WA.

18. Ukhanova M†, **Appari A**. (2018). "Polypharmacy Risk among Working-Age Adults with Combinations of Multiple Chronic Condition Patterns." AcademyHealth Annual Research Meeting, June 24-26, Seattle, WA.

19. Rafeek YA*, **Appari A.** (2018). "Information Technology Use By Individuals with Multiple Chronic Conditions for Provider Engagement: Insights from 2016-National Health Interview Survey." AcademyHealth Annual Research Meeting, June 24-26, Seattle, WA.

20. **Appari A.,** Ding X. (2018) "EHR Meaningful Use and Organizational Performance: Moderating Effects of Patient Safety Culture in US Hospitals." Organization Theory in Healthcare Association Conference, June 4-6, Baltimore, MD

21. **Appari A**. (2017). "Resolving Payment Denial Issues by Nursing Facilities: Role of Upper Echelon, Institutional & Market Factors." INFORMS Annual Meeting, Oct 22-25, Houston, TX

22. Ukhanova M†, **Appari A**, Morgan RO. (2017). "Multiple Chronic Condition Patterns in Baby Boomers, Generation-X and Early Millennials." INFORMS Annual Meeting, Oct 22-25, Houston, TX.

23. **Appari A**. (2017). "Sluggishness of Nursing Facilities in Resolving Payment Denial Related Noncompliance: Implications of Institutional, Upper Echelon and Market Factors." Organization Theory Health Care Association Conference, June 15-16, Berkeley, CA.

24. Ukhanova M†, **Appari A**, Morgan RO. (2017). "Multiple Chronic Condition Patterns among Baby Boomers, Generation-X and Early Millennials." APHA Annual Meeting and Exposition [Not Presented due to budgetary constraint/ Withdrawn].

25. Ding X, Aparasu R, **Appari, A**. (2016). "Meaningful Use Of Health Information Technology And Process Quality Of Care At Hospitals: A Patient Safety Culture Perspective." INFORMS Annual Conference, Nov13-16, Nashville, TN.

26. **Appari A.** (2016). "Resolution of Payment Denials for Harmful Quality Problems: A Cross-sectional Analysis of US Nursing Homes, June2009-May2015." AcademyHealth Annual Research Meeting, June26-28, Boston, MA.

27. Ukhanova M†, **Appari A**, Morgan RO. (2016). "Healthcare Spending and Care Coordination among Commercially Insured Working-aged Adults with Multiple Chronic Conditions, 2008-2013." American Public Health Association- Annual Meeting and Exposition, Oct 29-Nov 02, Denver, CO.

28. **Appari A.**, Johnson ME. (2016). "Outpatient Imaging Overuse, Meaningful EHR Use and Hospital System Membership: Results for US Hospitals 2011-2013." AcademyHealth Annual Research Meeting, June26-28, Boston, MA.

29. Attipoe-Dorcoo S*, **Appari A.** (2016). "Variations in Self-Perceived Health Status among Americans with Multiple Chronic Conditions." AcademyHealth Annual Research Meeting, June26-28, Boston, MA.

30. Ezeagu R†, **Appari A**. (2016). "Nursing Homes and Resolution of Payment Denials: A Cross-sectional Analysis of US Nursing Homes." AcademyHealth Annual Research Meeting, June26-28, Boston, MA.

31. **Appari A**. (2015). "Spending and Readmissions for Multiple Chronic Conditions in Vulnerable Populations: Results from County–level Panel Data Analysis." The 143rd American Public Health Association- Annual Meeting and Exposition, Oct 31-Nov 04, Chicago, IL.

32. **Appari A**. (2015). "Healthcare Utilization for Patients with Multiple Chronic Conditions in Deprived Communities." INFORMS Healthcare Conference July 29–31, Nashville, TN.

33. Putney D†, Alvarez P, Donahue K, **Appari A**, Pratt C, Estep J. 2015. "Higher Use of Potentially Harmful Drugs during Primary Heart Failure Hospitalizations: An Analysis from the University Health System Consortium Database." AcademyHealth Annual Research Meeting, June 14–16, Minneapolis MN.

34. Alvarez P, Putney D†, Donahue K, **Appari, A**, Pratt C, Estep J. 2015. "In–Hospital Use of Potentially Harmful Drugs in Heart Failure: Impact on Length of Stay and Mortality." *Journal of the American College of Cardiology* 65 (10_S). 2015 American College of cardiology Conference, March 14-16, San Diego CA. [Citation Count=3]

35. **Appari A**. (2015). "Hospital Acquired Infections and EHR Meaningful Use: Insights from National Sample of US Hospitals 2012–2013." Baylor College of Medicine Annual Quality Improvement and Patient Safety Conf., May 14, Houston, TX

36. **Appari A**. (2014). "Outcome Quality in Home Health: Role of Organizational and Market Factors," The 142nd American Public Health Association- Annual Meeting and Exposition, Nov 15-19, New Orleans, LA.

37. **Appari A**, Revere FL, (2014) "Medication adherence among privately insured: Does out-of-pocket cost burden and where they live matter?" American Public Health Association- Annual Meeting and Exposition, Nov 15-19, New Orleans, LA.

38. **Appari A**. (2014). "Meaningful Use of Health IT and Emergency Department Performance on Wait Time and Length of Visit," *AcademyHealth Annual Research Meeting* June 7-10, San Diego, CA; and *Health Information Technology Special Interest Group Meeting*, June 6, San Diego, CA.

39. Abbass I*, **Appari A**, Revere FL, Jordan M. (2014) "Medication Adherence among Commercially Insured Individuals: Role of Cost Sharing and Access Factors," *AcademyHealth Annual Research Meeting* June 7-10, San Diego, CA.

40. Abbass I*, **Appari A**, Revere FL, Jordan M. (2013) "Does Cost Sharing and Price Sensitivity Adversely Affect Medication Adherence?" *The 1st International Conference on Healthcare Leadership,* Houston, Texas October 23rd 2013.

41. **Appari A**, Johnson ME, Anthony DL. (2013) "Do Hospitals with Advanced Health IT Have Lower Imaging Overuse? Results From A National Analysis of U.S. Hospitals," *Fourth Workshop on Health IT and Economics*, Nov. 15–16, Washington DC.

42. **Appari A**. (2013) "Organizational Structure, Market Factors, and Outcomes Quality in Home Health Care: A Longitudinal Study," AcademyHealth Annual Research Meeting June 23-25; and Long Term Care Interest Group Meeting June 22, Baltimore, MD.

43. **Appari A**, Johnson ME, Anthony DL. (2013) "Health Information Technology and Hospital Performance on Imaging-use Measures," AcademyHealth Annual Research Meeting June 23-25; and Health Information Technology Interest Group Meeting June 22, Baltimore, MD [received Best Abstract Award from the HIT Interest Group].

44. **Appari A**, Johnson ME, Anthony DL. (2012) "Health Information Technology and Hospital Patient Safety Performance - A Cross-sectional Study of US Acute Care Hospitals," *Third Workshop on Health IT and Economics*, Oct 5–6, Washington DC.

45. **Appari A**, Johnson ME, Anthony DL. (2012) "Meaningful Use of EHR Systems and Patient Safety: A National Study of US Hospitals," *Academy of Management– Healthcare Management Professional Development Workshop*, Boston.

46. **Appari A**, Johnson ME, Anthony DL. (2012) "Hospital EHR Capability, Patient Safety Technologies and Performance on Patient Safety Measures: A Meaningful Use Perspective," *AcademyHealth Annual Research Meeting*, Orlando, FL.

47. **Appari A**, Johnson ME, Anthony DL. (2012) "EHR Meaningful Use Capability and Process Quality: Evidence from a Panel Analysis of U.S. Acute-Care Hospitals," *AcademyHealth Annual Research Meeting*, Orlando, FL.

48. **Appari A**, Anthony DL, and Johnson ME. (2011) "Medication Administration Quality and Health Information Technology: A National Study of US Hospitals," *Second Workshop on Health IT and Economics*, Washington DC.

49. **Appari A**, Carian EK, Anthony DL, and Johnson ME. (2011) "Medication Quality and Health Information Technology," *AcademyHealth Annual Research Meeting*, Seattle, WA.

50. **Appari A**, Johnson ME, Anthony DL. (2011) "Meaningful Use of EHR Systems and Hospital Quality," *13th Annual Healthcare Organizational Research Association Conference*, Seattle, WA.

51. **Appari A**, Anthony DL, and Johnson ME. (2010) "Impact of Health Information Technology Portfolio on Hospital Quality: A National Study of U.S. Acute Care Facilities", *AcademyHealth Annual Research Meeting*, Boston, MA.

52. Anthony DL, **Appari A**, and Johnson ME. (2010) "Institutional and Market Forces in Organizational Change: HIPAA Compliance in Acute Care Hospitals," *American Sociological Association Annual Meeting*, Atlanta, GA.

53. Anthony DL, **Appari A**, and Johnson ME. (2010) "Institutional and Market Forces in Organizational Change: HIPAA Compliance in Acute Care Hospitals," A Poster Presentation at the *Production and Operations Management Annual Conference*, Vancouver, British Columbia, Canada.

54. **Appari A**, Johnson ME, and Anthony DL. (2009) "The Neo-Institutional View of HIPAA Compliance in Home Health Care," *Workshop on Information Security and Privacy*, Phoenix, AZ.

55. **Appari A**, Johnson ME, and Anthony DL. (2009) "HIPAA Compliance in Home Health: A Neo-Institutional Theoretic Perspective," *Proceedings of Security and Privacy in Medical and Home-Care Systems–An ACM Workshop*, Chicago, IL. [Citation Count=6]

56. **Appari A**, Johnson ME, and Anthony DL. (2009) "HIPAA Compliance: An institutional Theory Perspective," *Americas Conference on Information Systems*, San Francisco, CA. [Citation Count=30]

57. **Appari A**, Anthony, D., and Johnson ME. (2009) "HIPAA Compliance: An Examination of Institutional and Market Forces," *Workshop on Economics of Information Security*, London, UK. [Citation Count=13]

58. **Appari A**, Anthony DL, and Johnson ME. (2008) "Which Hospitals are Complying with HIPAA: An Empirical Investigation of US Hospitals," *Workshop on Information Security and Privacy*, Paris, France.

59. **Appari A**, Anthony DL, and Johnson ME. (2008) "Information Security Investments in the Healthcare Sector: An Exploratory Study," *INFORMS Annual Meeting*, Washington DC.

60. Benaroch M, and **Appari A**. (2008) "Pricing IT Investment Risks Involving Customer Adoption Benchmarks," *INFORMS Annual Meeting*, Washington DC.

61. **Appari A**, and Benaroch M. (2006) "A Formal Model and Methodology for Measuring IT Investment Risks," *Academy of Management Annual meeting*, Atlanta, GA.

62. **Appari A**, and Benaroch M. (2006) "Pricing the Risks of IT Investments: A Multifactor Approach," *Journal of Information Systems-New Scholars Research Workshop*, American Accounting Association, Scottsdale, AZ.

63. **Appari A**, and Benaroch M. (2005) "A Viable Approach for Measuring the Risk-Return Relationship of IT Investments," *Proc. of 11th Americas Conference on Information Systems*, Omaha, NE. [Citation Count=3]

B.5.   Non Peer–Reviewed Publications

1. Anthony DL, **Appari A**, Johnson ME. (2014) "Policy Brief: Why Hospitals Comply With Federal Regulation and What Does It Mean For Variation in the U.S. Health Care System?" *Journal of Health and Social Behavior*, 55 (1): 107. {Impact Factor: 2.951; Flagship Journal of American Sociological Association}

2. **Appari A**. (2006) "Bridging the Gap between IT Managers and Business Managers," review of the book "Return on Software: Maximizing the Return on Your Software Investment," by Steve Tockey, in *IEEE Software* 23(5): 100-101.

C.   INVITED TALKS AND PRESENTATIONS

1. "Social Determinants of Health and Health Care Delivery for People with Multiple Chronic Conditions." Teaching and Research Innovation Exchange, Foisie Business School, Worcester Polytechnic Institute. 02/2019.

2. "Is EHR meaningful use associated with hospital-acquired infections? Results from a national sample of US hospitals," UTHealth School of Biomedical Informatics.10/2015.

3. "Medication Adherence and Chronic Diseases Related Multimorbidity," MPACH Faculty Brown Bag Series, UTHealth School of Public Health, Houston. 10/2013.

4. "Meaningful Use of EHR Systems and Process Quality of Care: Evidence from a Panel Data Analysis of US Acute-Care Hospitals," College of Public Health, University of Oklahoma. 11/ 2012.

5. "Meaningful Use of EHR Systems and Process Quality of Care: Evidence from a Panel Data Analysis of US Acute-Care Hospitals," UTHealth School of Public Health, Houston. 10/ 2012.

6. "Meaningful Use of EHR Systems and Process Quality of Care: Evidence from a Panel Data Analysis of US Acute-Care Hospitals," New Jersey Institute of Technology. 02/2012.

7. "Meaningful Use of EHR Systems and Process Quality of Care: Evidence from a Panel Data Analysis of US Acute-Care Hospitals," School of Public Health, George Washington University. 01/2012.

8. "Medication Administration Quality and Health Information Technology Use," School of Informatics, Indiana University Purdue University Indianapolis. 03/2011.

9. "Meaningful Use of EHR and Hospital Quality," Johns Hopkins School of Public Health. 12/2010.

10. "Information Security in Healthcare: Current State of Research and Future Directions," University of Akron. 06/2008.

11. "A Multifactor Risk-Cost Premium Model for Pricing Software Development Risks," George Mason University. 02/2008.

12. "A Multifactor Risk-Cost Premium Model for Pricing Software Development Risks," Uni. Massachusetts at Boston. 02/2008.

13. "A Multifactor Risk-Cost Premium Model for Pricing Software Development Risks," Uni. Alabama at Birmingham. 04/2007.

D.   RESEARCH: INTRAMURAL/EXTRAMURAL SUPPORT

D.1.   Grant Applications Planned/Submitted for Year 2018/2019

1. Vanderbilt University (2019 summer research support as part of NSF grant held by M. Eric Johnson), $18,000 "Association of Information Security Investments on Healthcare Quality at US Hospitals in Heterogeneous Regulatory Environments," My Role: Investigator for the NSF grant.

2. National Institute of Minority Health and Disparities, R21 (Expected Submission, 2019), "Health IT use and Association with Clinical, Economic and Quality Outcomes at Skilled Nursing Facilities Serving Minority Population," (Co-PIs: Meghan Gabriel, PhD [University of Central Florida]; **Appari**)

D.2.   Present and Past Funding as Principal Investigator (PI)

1. UTHealth School of Public Health (2013–2017), $50,000, "Faculty Research Start–up Fund." PI.

2. Robert H. Brethen Operations Management Institute-Syracuse University, $4,000 (Summer 2006), "IT Investment Risks Measurement." <u>PI</u>.

3. Robert H. Brethen Operations Management Institute-Syracuse University, $3,000 (Summer 2005), "Quantification of Risk–Return Relationship for Information Technology Investments." <u>PI</u>.

4. Center for Creation and Management of Digital Ventures, Syracuse University (Summer 2003), $2000, "Trust Development in Virtual Teams: A Theoretical Design and an Empirical Study." <u>PI</u>.

5. The IBM Fund, Syracuse University (Summer 2003), $2,000, "Value and Risk Basics of IT Portfolio Management." <u>PI</u>.

D.3. Postdoctoral Work on Research Grants Obtained by My Faculty Mentors (*) at Dartmouth College

1. National Science Foundation (my period of involvement: 2010-2013), $3 million, "Trustworthy Information Systems for Healthcare," (PI: David Kotz, Co-PI: Eric Johnson*, Denise Anthony*, Sean Smith), My Role: <u>Postdoctoral Investigator</u>.

2. Rockefeller Faculty Research Grant- Dartmouth College, $25,000 (my period of involvement: 2010-2011), "Exploring the Relationship between Health Information Technology and Hospital Quality," (PI: Denise Anthony*), My Role: <u>Postdoctoral Investigator</u>.

3. Department of Homeland Security, National Cyber Security Division, $532,038 (my period of involvement: 2008-2010), "Information Risk in Data-Oriented Enterprises." (Co–PI: Eric Johnson*, Sean Smith), My Role: <u>Postdoctoral Investigator</u>.

4. National Institute of Science and Technology (my period of involvement: 2008), $30,000, "Information Technology in Healthcare," (PI: Eric Johnson*), My Role: <u>Postdoctoral Investigator</u>.

D.4. Proposals Not Funded (Submitted as PI or Co–PI)

<u>Year 2017</u>

1. AHRQ, R21 Exploratory and Development Grant to Improve Health Care Quality through Health Information Technology (Not Funded: 2017), "The Impact of Health IT Capabilities and Patient Safety Culture on Quality of Care," (PI: David Ding [University of Houston]; Co-PI: **Appari**, and Rajender Aparasu [University of Houston])

2. RWJF (Not Funded: 2017), "A Natural Experiment of the HITECH Act's Impact on Reducing Utilization and Spending Disparities among Older Adults with Multiple Chronic Conditions," (PI: **Appari**; Co-Investigator: Hector Rodriguez, PhD [University of California, Berkeley])

3. RWJF New Connections: Increasing Diversity of RWJF Programming (Not Funded: 2017), $50,000, "Area Socio-Economic Drivers of Healthcare Utilization and Outcomes for Elderly Population with Multiple Chronic Conditions," (PI: **Appari**)

<u>Year 2016</u>

1. FOTE– Front of the Envelope Awards – UTHealth School of Public Health (Not Funded: 2016), $25,000 for "Composite Risk Prediction Modeling for All-Types Hospital-Acquired Conditions using Machine Learning," (PI: **Appari**)

2. NIHCM- National Institute for Health Care Management Foundation (Not Funded: 2016), $53,164 for "Improving Patient Safety using Machine Learning for Hospitalized Patients with Multiple Chronic Conditions" (PI: **Appari**)

3. Mallinkcrodt Foundation LOI (Not Selected for Nomination by UTHealth: 2016) "Improving Patient Safety for Hospitalized Patients with Multiple Chronic Conditions using Machine Learning," (PI: **Appari**)

4. UTHealth Patient Safety Grants (Not Funded: 2016), $94,519 for "Prediction Modeling of Hospital-Acquired Conditions for Patients with Multiple Chronic Conditions," (PI: **Appari**)

<u>Year 2015</u>

1. NIHCM- National Institute for Health Care Management Foundation (Not Funded: 2015) $57,100 for "Telemedicine and Quality of Care: Do Hospital, and Legal Factors Matter?" (PI: **Appari**)

2. AHRQ, R03 Small Research Grant Program (Not Funded: 2015), $64,903 for "Medication Management among Privately Insured Baby Boomers with Multiple Chronic Conditions," (PI: **Appari**; Co-I: Morgan, Wells)

3. AHRQ, R21 Exploratory and Development Grant to Improve Health Care Quality through Health Information Technology (Not Funded: 2015), $190,195 for "The Impact of Health IT Capabilities and Patient Safety Culture on Quality of Care," (PI: Ding; Co-PI: **Appari**, Aparasu)

4. PRIME - UTHealth School of Public Health (Not Funded: 2015), $25,000 for "Care Coordination, Medication Management, Healthcare Utilization, Cost and Health Outcomes: Big Data Analytics Perspective for Patients with Multiple Chronic Conditions," (PI: **Appari**; Co-I: Morgan, Wells, Aparasu)

5. TMC Health Policy Institute LOI (Not Funded: 2015), $150,000 for "Does EHR Meaningful Use Matter for Fetal, Perinatal, and Infant Care in the US? An Investigation of County–level Mortality Rates and EHR Meaningful Use Among Hospitals and Affiliated Physicians," (PI: **Appari**; Co-PI: Ding)

Year 2013-2014

1. CCTS Pilot Project - UTHealth (Not Funded: 2014), $50,000 for "Care Coordination, Medication Management, Healthcare Utilization, Cost, and Health Outcomes: Big Data Analytics Perspective for Patients with Multiple Chronic Conditions," (PI: **Appari**; Co-I: Morgan)

2. AHRQ - Agency for Healthcare Research and Quality, R03 Small Research Grant Program (Not Funded: 2013), $100,000 for "Utilization Trends of Preventive Care Services and EHR Use in Texas Healthcare Markets," (Co-PI: Revere; **Appari**).

3. PhRMA Foundation– Adherence Improvement Young Investigator Award Research Program (Not Funded: 2013), $50,000 for "Medication Adherence among Commercially Insured Patients with Multiple Chronic Conditions: Role of Medication Complexity Regimen and Fixed–Dose Combination Therapy," (PI: **Appari**).

4. FOTE– Front of the Envelope Awards – UTHealth School of Public Health (Not Funded: 2013), $25,000 for "Medication Adherence among Commercially Insured Patients with Chronic Conditions: Role of Clinical Complexity, Medication Regimen Complexity, Out–of–Pocket Cost, Socio–Economic Status and Employment Settings," (PI: **Appari**)

Before Year 2013 (at Dartmouth)

1. Institute for Information Infrastructure Protection (Not Funded: 2010), $150,000 for "Creation of Information Market for IT Security Assets," (PI: **Appari**).

2. Commonwealth Fund (Not Funded: 2010), $50,000 for "Do Health IT Adopters Provide Better Quality? A Contextual Study of U.S. Acute Care Hospitals," (PI: **Appari**).

3. AHRQ, R03 Small Research Grant Program (Not Funded: 2009), $100,000 for "Diffusion of Health IT and its Relationship with Quality of Care at Home Health Agencies," (PI: **Appari**).

4. Institute for Information Infrastructure Protection (Not Funded: 2009), $150,000 for "Healthcare Records Management and HIPAA compliance," (PI: **Appari**).

E. TEACHING (ACADEMIC)

E.1. Worcester Polytechnic Institute, Foisie Business School

E.1.1. Graduate Courses {STEM Designated Programs: MS in IT/ Operations Analytics and Management/ Supply Chain Management/ Innovation with User Experience}
- MIS 500: Innovating with Information Systems (Fall 2018, Spring 2019)
- MIS 571: Database Applications Development (Fall 2018 – 2 sections, Spring 2019)
- ISG AA2: [Independent Study] Database Applications Development (Spring 2019)

E.1.2. Undergraduate Courses {STEM Designated Programs}
- MIS 3720: Business Data Management (Spring 2019)
- BUS 3010: Creating Value through Innovations (Fall 2018)

E.2. UTHealth School of Public Health

[*: These courses were designed or redesigned by me from scratch. PHD3731 is a core course in the doctoral program and others are electives and applicable to Health Information Technology Management minor (also developed by me).

E.2.1. Doctoral Courses (as Lead Instructor)*
- PHD 3731: Healthcare Management and Policy Research Methods (Spring 2016, Spring 2017)
- PHD 3998: Operations, Technology, and Decision Management (Spring 2014)
- PHD 3750: Policy Issues in Health Information Technology (Fall 2014, Fall 2015, Fall 2017)

E.2.2. MPH Courses (as Lead Instructor) *
- PHM 3749: Information Technology in Healthcare Management (Fall 2013)

E.2.3. MPH Courses (as Co-Instructor)
- PHW 9996: Capstone Course (Spring 2018)

E.2.4. Directed Independent Studies
- Doctoral Students: Summer 2014 and Fall 2016 (one student each)
- Master Students: Spring 2016 and Fall 2016 (one student each)

E.2.5. Guest Lectures
- Principles and Practices of Public Health (Lecture Theme: Public Health informatics).

E.3. Dartmouth College

E.3.1. Undergraduate/Graduate Courses (as Guest Lectures)
- Security and Privacy (Lecture Theme– Economics of Information Security).

E.4. Syracuse University, Martin J. Whitman School of Management

E.4.1. Undergraduate Courses (As Instructor)
- Introduction to Information Systems for Managers (Fall 2006; Fall 2007: two sections),
- Principles of Database Management (Spring 2005 & 2006).

E.4.2. Undergraduate Courses (As Teaching Assistant)
- Introduction to Information Systems for Managers (Fall 2002 & 2004, Spring 2003),
- Principles of Database Management (Spring 2004).

E.4.3. Graduate Courses (As Teaching Assistant):   [¶: online executive MBA]
- Customer Relationship Management with SAP (Spring 2007),
- Introduction to IT and e-Commerce (Spring 2007),
- Decision Support Technologies (Fall 2002, 2003, 2004 & 2005¶),
- Strategic Management of Information Technology (Fall 2002, 2003 & 2004¶),
- Database Management Systems (Fall 2004, Summer 2005¶, Spring 2005).

E.4.4. Undergraduate Courses (Guest Lectures)
- Introductory Statistics for Management (Theme– Estimation of Confidence Interval),
- Introduction to E-Commerce for Managers (Theme– Software Development Lifecycle)

F.   TEACHING (NON–ACADEMIC)

- Trained over 50 middle level managers, engineers and shop floor workers on application of Industrial Statistics in manufacturing industries in India
- Developed and delivered training programs to over 100 new employees of Honeywell Technology Solutions Lab on organization's Software Development Practices, Quality Management, Metrics Management, and Project Management

G.   STUDENTS MENTORING AT UTHEALTH SCHOOL OF PUBLIC HEALTH

G.1. Doctoral Students

[§: Sharon won 2015 AcademyHealth Alice S. Hersh Student Scholarship; *: Transferred to other faculty due to change of major track]

Student Name	Program	My Role (period) [Student's First or Current Employment]
1. Maria Ukhanova, MD, MPA	PhD	Dissertation Supervisor (Completed 2017) [Postdoc, Oregon Health & Science University]

"Care Coordination and Polypharmacy among Working-Age Adults with Multiple Chronic Conditions."

2. Mubashir Tufail Chaudhry, LSA, MPH	DrPH	Academic Advisor/Dissertation Chair & Supervisor (Completed 2018) [President & CEO, Universal Surgical Assistants, Houston]

"Use, Cost, and Comparative Effectiveness of Robotic Versus Laparoscopic and Open Cholecystectomy at U.S. Hospitals."

3. Sharon Attipoe-Dorcoo§	PhD	Academic Advisor (2014–2015)*

4.	Viraj Bhise, MBBS	PhD	Academic Advisor (2013–2014)*
5.	Wei Lu, MPH	PhD	Academic Advisor (2015–2017)*
6.	Kevin Pair	PhD	Academic Advisor (2014)*

G.2. Masters Students (Master of Public Health)

§: Raphael won 2016 Academic Scholarship from the Texas Gulf Coast chapter of the Healthcare Financial Management Association

	Student Name	Program	My Role (period) [First/Current Employment of Thesis students]
1.	Eleftheria M. Kalatzi	MPH	Academic Advisor (2017-2018)
2.	Jessica Ann Best, MD	MPH	Academic Advisor (2015-2018)
3.	Joung Ah Choi, PharmD	MPH	Academic Advisor (2015-2016)
4.	Solomon Babalola, MBBS	MPH	Academic Advisor (Graduated 2017)
5.	Nishat Pal Singh Dhillon	MPH	Academic Advisor (Graduated 2017)
6.	Emily Gantz	MPH	Academic Advisor (Graduated 2017)
7.	Summer Hill	MPH	Academic Advisor (Graduated 2017)
8.	Katy Alexandra Parrott	MPH	Academic Advisor (Graduated 2017)
9.	Jaijo Jaison Vennat	MPH	Academic Advisor (Graduated 2017)
10.	Raphael Ndubuisi Ezeagu, MBBS§	MPH	Academic/Thesis Advisor (Graduated 2016) [Resident, Maimonides Medical Center, NY]

"Response to healthcare related deficiency citations at U.S. nursing homes: Do organizational and market factors matter?"

11.	Rajiv Guha	MPH	Academic Advisor (Graduated 2016)
12.	Theognosia Papasozomenos, MD	MPH	Academic Advisor (Graduated 2016)
13.	David Ray Putney, PharmD	MPH	Academic/Thesis Advisor (Graduated 2015) [Methodist Houston]

"The use of potentially harmful drugs in heart failure hospitalizations"

14.	Abigail A. Solomon	MPH	Academic Advisor (Graduated 2015)
15.	Jack Jones	MPH	Academic Advisor (2015-2016: discontinued)
16.	Sarah Marie Brooks	MPH	Academic Advisor (Graduated 2014)
17.	Umber Quazi Dickerson	MPH	Academic Advisor (Graduated 2014)
18.	Jessica Sleiman El–hallal	MPH	Academic Advisor (Graduated 2014)

H. LEADERSHIP AND SERVICES TO PROFESSION

H.1. Editorial Services

1. *Senior Editor*, Electronic Commerce Research and Applications (impact factor: 2.139), 2018-present.
2. *Associate Editor*, Electronic Commerce Research and Applications (impact factor: 2.139), 2014-2018.
3. *Guest Editor*, Electronic Commerce Research and Applications, 2012-2013 [theme: eHealth and Healthcare Service Transformation]

H.2. Academic Associations

1. *Communications Team - Webmaster*, Health Care Management Division, Academy of Management, 2019-present.

H.3. Institutional Services (at Worcester Polytechnic Institute)

1. Faculty Judge – 2019 Graduate Research Innovation Exchange, Annual research competition. Feb 6, 2019 (Preliminary round)
2. Faculty Judge – 2019 Graduate Research Innovation Exchange, Annual research competition. Feb 6, 2019 (Final round)
3. Faculty Governance at Foisie Business School and at University level.

H.4. Institutional Services (at UTHealth School of Public Health)

1. Lead Faculty for the *Health Information Technology Management* as PhD minor option, UTHealth School of Public Health (2013–2018); developed in collaboration with the UTHealth School of Biomedical Informatics
2. MPACH Preliminary Exam Committee (Research Methods section: Spring 2016 cohort; Research Methods remediation: Spring 2015 cohort)
3. Research Council – Member representative for MPACH (2014–Spring 2016)

4. UTHealth School of Public Health Student Research Day program committee (2016)

5. Faculty Judge - UTHealth School of Public Health Student Research Day (2015, 2016, 2018)

6. Lead Coordinator – MPACH Faculty Research Seminar Series, (2013–2015)

7. Admission Committee – Health Management and Policy track (2013–2017)

8. Information Technology Council – Member representative for MPACH (2013–2014)

9. Faculty Council – Member representative for MPACH (2013–2014)

H.5. Grant Review Services

1. *Health Disparities and Equity Promotion* (HDEP) study section of NIH as an Early Career Reviewer, February 2018

2. *External Reviewer* (2015 call for User-centric Security, Privacy, and Trust in the Internet of Things: €5.925 million): CHIST–ERA ERA-NET, European Union consortium of funding agencies, 2016.

3. *Intramural: Review Committee member* (2014 call for Front of the Envelope grant) UTHealth School of Public Health

H.6. Review Panels/Program Committee / Other Services for Conferences

1. *Session Chair/Moderator*: 2018 INFORMS Annual Meeting, Nov 4-7, Phoenix, AZ

2. *Resume Reviewer Panel Member* (advised minority and international students): 2017 INFORMS Annual Meeting, Oct 22-25, Houston, TX

3. *Review Panel Member*: 2017 (track: From Health Care to Health: Value-Based System Transformation) 7th Annual Health Datapalooza (AcademyHealth), Apr 27-28, Washington, DC.

4. *Session Chair/Moderator*: 144th APHA Annual Research Meeting & Expo, Oct 29 – Nov02, 2016, Denver, CO.

5. Faculty Member: Medical Care Section Student Mentoring Session, APHA Annual Research & Expo Meeting, 2016

6. Faculty Member: Medical Care Section Student Mentoring Session, APHA Annual Research & Expo Meeting, 2015

7. Faculty Member: Medical Care Section Student Mentoring Session, APHA Annual Research & Expo Meeting, 2014

8. *Review Panel Member*: 2016 Alice S. Hersh Student Scholarship, AcademyHealth.

9. *Review Panel Member*: 2015 Alice S. Hersh Student Scholarship, AcademyHealth.

10. *Review Panel Member*: 2014 Presidential Scholarship for New Health Services Researchers, AcademyHealth.

11. *Review Panel Member*: 2014 Alice S. Hersh Student Scholarship, AcademyHealth.

12. *Review Panel Member* (track: Health Information Technology): 2013 AcademyHealth Annual Research Meeting.

13. *Review Panel Member* (Track: Minimalism & Agility in Information Systems Development). The 5th Mediterranean Conference on Information Systems, Sept 12-14, 2010, Tel Aviv, Israel.

14. *Conference Administration*: The 7th Workshop on Economics of Information Security, June 25-28, 2008, Hanover, NH.

15. *Session Chair*: Academy of Management Annual Meeting, August 11-16, 2006, Atlanta, GA.

H.7. Invited Discussant at International Conferences

1. Workshop on Health IT and Economics, November 15-16, 2013, Washington DC.

2. AcademyHealth Annual Research Meeting, June 23–25, 2013, Baltimore, MD.

3. Workshop on Health IT and Economics, October 5-6, 2012, Washington DC.

4. Healthcare Organizational Research Association Conference, June 9-10, 2011, Seattle, WA.

H.8. Referee for International Journals

H.8.1. Health Care Journals

[Note: declined review invitations from several journals due to time conflicts, including (a) International Journal of Health Policy and Management, (c) Current Science, (d) Future Generation Computer Systems, (e) Methods of Information in Medicine]

Medical Care (5); Health Services Research (3); JAMIA – Journal of American Medical Informatics Association (2); American Journal of Managed Care (3); Journal of Medical Systems, (2 + declined 2); Health Care: the Journal of Delivery Science and Innovation (3); Journal of Medical Internet Research (2 + 1 declined); Journal of Law Medicine and Ethics (1); BMC Journal of Medical Informatics (1); Journal of Healthcare Leadership (1); Applied Clinical Informatics (2 + declined 2); International Journal of Medical Informatics (1); International Journal of Health Policy and Management (1 declined).

H.8.2. Information Systems Journals

MIS Quarterly (2 + declined 1); Management Science (1); Journal of Management Information Systems (1); Electronic Commerce Research and Applications (7 as reviewer; 15 as Associate Editor/Guest Editor); Information and Management, (1); Information Systems Frontiers (3); IEEE Transactions on Information and Systems Security (2); Information Technology and Management (1); Transactions on Management Information Systems (1); Journal of Information Sciences (1); Journal of Systems and Software (2); Journal of Computers & Industrial Engineering (1)

H.9. Referee for International Conferences

H.9.1. Health Care/Managements Conferences

AcademyHealth Annual Research Meeting; American Public Health Association; Academy of Management Annual Meeting; Workshop on Health IT and Economics,

H.9.2. Information Systems Conferences

International Conference on Information Systems; Hawaiian International Conference on System Sciences; America's Conference on Information Systems; Pacific Asia Conference on Information Systems; Workshop on Economics of Information Security; Workshop on Information Security and Privacy; Workshop on Information Technologies and Systems

H.10. Industry Experience and Consulting

1. During the period 1996-2002 contributed significantly to several organizations in the leadership capacity, and as a consultant in implementation and management of quality systems in compliance with international standards like ISO 9001, and Software Engineering Institute's Capability Maturity Model; metrics management; and process/product quality improvement.

2. At Honeywell Technology Solutions Lab, a subsidiary of Honeywell International Inc. USA (a Fortune 100 company), developed a tool for software metrics management that could parse software codes written in all programming languages and platforms at the time from embedded systems for avionics to e-commerce applications.

3. At HTSL performed leadership role in software process improvement and digitization of business processes toward the goal of achieving CMM level-5 rating at Honeywell Technology Solutions Lab. Performed user testing for web-centric applications supporting software development projects in compliance with quality system.

4. Consulted Honeywell Power Systems, Albuquerque for implementing software quality management system complying with requirements of SEI CMM Level 2.

5. At Paharpur Ltd., I was responsible for engineering design reviews, process quality review of cooling tower components manufacturing, and developing the initial version of quality management system for ISO9001 certification.

6. Consulted on implementation of statistical quality control and quality improvement projects (e.g., design of experiments, estimation of statistical models) to several leading manufacturing organizations in India including auto-component, heavy equipment, lube oil, and poly-fiber manufacturers.

H.11. Community Services

- Offered voluntary services to Honeywell Community Outreach programs on development of vocational training curriculum for underprivileged children of Bangalore (India) and conducted medical camps for nearby villages.

I. OTHER HONORS AND AWARDS

2000   Individual Contribution Award for defining R&D Process, Honeywell Technology Solutions Lab. (HTSL), India (Indian subsidiary of Honeywell International, USA: a Fortune 100 company)

2000   Individual Excellence Award for Significant Contribution toward Process Improvement and Process Automation, HTSL, India

2000   Certificate for Outstanding Contribution for Community Service, HTSL, India

J. PROFESSIONAL DEVELOPMENT/ CONTINUING EDUCATION, AND PROFESSIONAL CERTIFICATES (BEFORE PHD)

2001   Level 1–A French Course, Alliance Française de Bangalore, India, February–April

2000   Capability Maturity Model (CMM) Assessment Team Training, Global Systems Technology Inc. (USA), Bangalore, India, Feb 4–6,

1999	Change Management, Honeywell World–wide Software Initiative, Sept. 23,
1999	Introduction to Capability Maturity Model, Honeywell World–wide Software Initiative, Sept. 22
1998	Product Development through QFD, National Institution for Quality & Reliability, Bangalore, India, Jan. 7-8
1997	Quality Systems Documentation, TQM International Pvt. Ltd., Kolkata, India, June 4–5

K. PROFESSIONAL ASSOCIATION MEMBERSHIP

2017-present	Organization Theory in Healthcare Association
2016–present	INFORMS (Institute for Operations Research and the Management Sciences)
2014–2017	American Public Health Association
2012–present	Academy of Management [and Division of Health Care Management] {inactive during 2014-2017}
2009–present	AcademyHealth [and Special Interest Groups on Health Information Technology, Health Economics, Long Term Care]
2013–2015	Association of University Programs in Health Administration
2013–2015	American College of Healthcare Executives
2008–2009	INFORMS (Institute for Operations Research and the Management Sciences)
2005–2006	Academy of Management [and Div. of Organizational Communications and Information Systems]
2003–2011	Association of Information Systems

L. MEDIA MENTIONS//OTHER OUTLETS ON MY RESEARCH

1. MedScape, "Imaging Test Orders by Doctors and Nurses comparable," (interviewed by) Kathleen Louden, Nov. 10, 2015.
2. Stericycle.com, "HIPAA Compliance: Six Reality Checks: What are you doing to mitigate the risk of breach or HIPAA violations," 2014.
3. Tuck at Dartmouth Newsroom, "For Digital Medical Records, a Second Opinion," Michael Blanding, Mar. 14, 2013.
4. American Medical News, "More complex EHRs can result in declines of quality measures," Pamela L. Dolan, Sept. 4, 2012.
5. AMN Healthcare News, "Meaningful Use of EMRs Moves Forward with Stage 2," Aug. 28, 2012.
6. InformationWeek, "Advanced EHRs Vs. Hospital Quality Care," Neil Versel, Aug. 23, 2012.
7. iHealthBeat, "Meeting Stage 1 of Meaningful Use of Boosts Hospital Care Quality," Aug. 15, 2012.
8. Becker's Hospital Review. "Meaningful Use of Electronic Health Records: Does it Improve Health Outcomes?" Kathleen Roney, Aug. 10, 2012.
9. U.S. News & World Report, "Hospitals Should Not Adopt New Healthcare IT Program Too Quickly," M.E. Johnson, Aug 10, 2012.
10. Medical News Today, "Electronic Health Care Plagued by Insecurities," Jul. 19, 2010.
11. ScienceDaily, "Insecurities Plague Electronic Health Care," Jul. 16, 2010.
12. HealthImaging, "Report: Privacy insecurities plague electronic healthcare," Jeff Byers, Jul. 19, 2010.