

Yunfeng Shi

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Department of Health Policy and Administration
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Education:

Carnegie Mellon University, Pittsburgh PA
PhD –Public Policy and Information Systems, 2010
Master of Philosophy - Public Policy and Management, 2009
Master of Science - Economics, 2004

University of Wyoming, Laramie WY
Master of Public Administration, 2001

Fudan University, Shanghai, China
Bachelor of Arts - English Language and Literature, 1998

Professional Experience:

Associate Professor, Department of Health Policy and Administration, Pennsylvania State University (2021 - Present)

Assistant Professor, Department of Health Policy and Administration, Pennsylvania State University (2015 - 2020)

Research Associate, Center for Health Care Policy and Research, Department of Health Policy and Administration, Pennsylvania State University (2012 - 2015)

Post-Doctoral Research Scholar, Center for Health Care Policy and Research, Pennsylvania State University (2010 - 2012)

Quantitative Research Manager, Evaluation Team - Aligning Forces for Quality, Center for Health Care Policy and Research, Pennsylvania State University (2010 - 2015)

Adjunct Faculty (instructor), Heinz College and Tepper School of Business, Carnegie Mellon University (2006 - 2010)

Consultant (volunteer), Centre Volunteers in Medicine (2012 – 2013)

Research Funding:

Ongoing:

Funding Agency: Centers for Disease Control and Prevention
Award Period: 06/2021-05/2023
Role: Co-Principal Investigator
Project Title: Improving COVID-19 Responses and Outcomes in Rural Pennsylvania

Funding Agency: Pennsylvania State Department of Health
PI: Glenn Sterner
Award Period: 04/2020-03/2022
Role: Co-Investigator
Project Title: Coroner Education and Prescription Drug Monitoring Program

Under Review:

Funding Agency: National Institute of Health Care Management
Award Period: Pending
Role: Principal Investigator
Project Title: Vendors of Electronic Health Records and Ambulatory Care Quality Glucose Management Clinical Decision Support to Improve Outcomes in Academic and Community Hospitals

Funding Agency: National Institutes of Health
PI: Ariana Raquel Pichardo-Lowden
Award Period: Pending
Role: Co-Investigator
Project Title: Glucose Management Clinical Decision Support to Improve Outcomes in Academic and Community Hospitals

Completed:

Funding Agency: National Science Foundation
Award Period: 04/2020- 03/2021
Role: Co-Principal Investigator
Project Title: Continuous Flow Modeling and Analysis of Traffic and Coronavirus Spread Dynamics in Spatial Networks

Funding Agency: Center for Medicare and Medicaid innovation
Award Period: 10/2019- 06/2021
Role: Principal Investigator
Project Title: Data Aggregation and Analytics Support for Pennsylvania Rural Health Model

Funding Agency: Agency for Healthcare Research and Quality
PI: Cheryl Damberg, PhD, RAND
Award Period: 09/2018- 08/2020
Role: Co-Investigator
Project Title: RAND Center of Excellence on Health System

Funding Agency: Agency for Healthcare Research and Quality
Award Period: 09/2015- 08/2018
Role: Principal Investigator (Pennsylvania State University subcontract)
Project Title: Understanding the Roles of Health Information Technology and Organizational Factors in Adoption and Diffusion of Patient Centered Outcomes

Funding Agency: Commonwealth of Pennsylvania, Office of the Attorney General
PI: Dennis Scanlon, PhD, Pennsylvania State University
Award Title: 01/17/2018- 03/31/2018
Role: Co-Investigator
Project Title: Estimation of Societal Costs to States Due to the Opioid Epidemic

Funding Agency: Robert Wood Johnson Foundation
PI: Dennis Scanlon, PhD, Pennsylvania State University
Award Period: 04/2012- 11/2017
Role: Co-Investigator; Performance Measurement and Public Reporting Domain Co-lead
Project Title: Evaluation for Aligning Forces for Quality – Summative Stage

Funding Agency: Robert Wood Johnson Foundation
PI: Dennis Scanlon, PhD, Pennsylvania State University
Award Period: 08/2010- 03/2012
Role: Research Associate and Quantitative Team Lead
Project Title: Evaluation for Aligning Forces for Quality

Funding Agency: Agency for Healthcare Research and Quality
PI: Muriel Jean-Jacques, PhD
Award Period: 10/2013- 12/2014
Role: Site PI and Lead Statistician
Project Title: Best Practices for Integrating Clinical Decision Support into Clinical Workflow

Peer Reviewed Publications:

(*supervised student co-authors)

1. Hearld, L., Alexander, J., and **Shi, Y.**, and L. Wolf (2021). “*Member Engagement in Multi-sector Health Care Alliances*”, Health Services Management Research, 2021 July: Epub ahead of print
2. **Shi, Y.**, *Amill-Rosario, A., Rudin, R., Fischer, S., Shekelle, P., Scanlon, D., and C. Damberg (2021). “*Barriers to using clinical decision support in ambulatory care: Do clinics in health systems fare better?*”, Journal of the American Medical Informatics Association, 28(8):1667–1675
3. *Brown-Podgorski, B., Degroot, M., **Shi, Y.**, and J. Vest (2021). “*Mandated Benefits for Diabetes Education and the Availability of Accredited Programs and Certified Diabetes Educators*”, Population Health Management, 2021 Feb: Epub ahead of print
4. *Brown-Podgorski, B., **Shi, Y.**, and J. Vest (2021). “*Patient Need and Provider Referrals to Diabetes Self-Management Education*”, American Journal of Managed Care, 27(6):e201-e207
5. Shekelle, P., Agniel, D., Pane, J., **Shi, Y.**, Rumball-Smith, J., Haas, A., Fischer, S., Rudin, R., Totten, M., Lai, J., Scanlon, D., and C. Damberg (2021). “*Assessment of Variation in Electronic Health Record Capabilities and Reported Clinical Quality Performance in Ambulatory Care Clinics, 2014-2017*”, JAMA Network Open, 2021;4(4):e217476
6. Scanlon, D., Harvey, J., Wolf, L., Vanderbrink, J., Shaw, B., **Shi, Y.**, Ridgely, S., and C. Damberg (2020). “*Rhetoric or Reality: Are Health Systems Redesigning How Health Care Is Delivered?*”, Health Services Research, 55(Suppl 3):1129-1143
7. **Shi, Y.**, *Amill-Rosario, A., Rudin, R., Fischer, S., Shekelle, P., Scanlon, D., and C. Damberg (2020). “*Health Information Technology for Ambulatory Care in Health Systems*”, American Journal of Managed Care, 26(1):32-38
8. *Amill-Rosario A., Segel J., **Shi, Y.**, Leslie, D., Hillemeier, M., and D Scanlon. (2020). “*Private Payer Reimbursement Policy and Live Video Utilization for Outpatient Mental Health Care Among the Privately Insured*”, Health Services Research, 55(S1):46-47.
9. Fischer, S., Rudin, R., **Shi, Y.**, Shekelle, P., *Amill-Rosario, A., Scanlon, D., and C. Damberg (2020). “*Trends in the use of computerized physician order entry by health-system affiliated ambulatory clinics in the United States, 2014–2016*”, BMC Health Services Research, 20(1), [836]
10. Rudin, R., Fischer, S., Damberg, C., **Shi, Y.**, Shekelle, P., Xenakis, L., Khodyakov, D., and S. Ridgely (2020). “*Optimizing health IT to improve health system performance: A work in progress*”, Healthcare, 8(4), [100483]

11. *Bhandari, N., Scanlon, D., **Shi, Y.**, and R. Smith (2020). “*Consumer Use of Provider Quality Report Cards -The Role of Dissemination and Media Coverage*”, Medical Care, 58(4):368-375
12. Rudin, R., Fischer, S., **Shi, Y.**, Shekelle, P., Amill-Rosario, A., Ridgely, S., Scanlon, D., and C. Damberg (2019). “*Trends in the Use of Clinical Decision Support by Health System–Affiliated Ambulatory Clinics in the United States, 2014-2016*”, American Journal of Accountable Care, 7(4):4-10
13. **Shi, Y.**, *Amill-Rosario, A., and D Scanlon (2019). “*Leveraging Health Information Technology for Accountable Care: Thoughts From the Field*”, American Journal of Accountable Care, 7(2):15-17
14. Rudin, R., **Shi, Y.**, Fischer, S., Shekelle, P., Amill-Rosario, A., Shaw, B., Ridgely, S., Scanlon, D., and C. Damberg (2019). “*Level of agreement on health information technology adoption and use in survey data: a mixed-methods analysis of ambulatory clinics in 1 US state*”, JAMIA Open, 2(2):231-237
15. Hearld, L., Alexander, J., Wolf, L. and **Y. Shi**. (2019). “*Dissemination of Quality Improvement Innovations by Multisector Health Care Alliances*”, Journal of Health Organization and Management, 33(4):511-528
16. Segel, J., **Shi, Y.**, Moran, J., and D. Scanlon. (2019). “*Revenue Losses to State and Federal Government from Opioid-Related Employment Reductions*”, Medical Care, 57(7):494-497
17. Segel, J., **Shi, Y.**, Moran, J., and D. Scanlon. (2019). “*Opioid misuse, labor market outcomes, and means-tested public expenditures: a conceptual framework.*”, American Journal of Managed Care, 25(13 Suppl):S270-S276.
18. Hearld, L., Alexander, J., Bodenschatz., L. and **Y. Shi** (2019). “*Where Do We Go From Here? An Examination of the Relationship between Changes in Social Structure and Strategic Priorities in Cross-sector Collaborative Organizations*”, Journal of Applied Behavioral Science, 55(2):190–212
19. Hearld, L., Alexander, J. Wolf, L. and **Y. Shi**. (2019). “*The Perceived Importance of Intersectoral Collaboration by Health Care Alliances*”, Journal of Community Psychology, 47:856-868
20. *Bhandari, N., Scanlon, D., **Shi, Y.**, and R. Smith (2019). “*Why Do So Few Consumers Use Health Care Quality Report Cards? A Framework for Understanding the Limited Consumer Impact of Comparative Quality*”, Medical Care Research and Review, 76(5):515–537
21. *Bhandari, N., **Shi, Y.**, Hearld, L., and M. McHugh (2018). “*Impact of Emergency Department Visit on Disease Self-management in Adults with Depression*”, Journal of Health Psychology, 23(4) 588–597

22. Hearld, L., Alexander, J. Wolf, L. and **Y. Shi**. (2018). *“Funding profiles of multisector health care alliances and their positioning for sustainability”*, Journal of Health Organization and Management, 32(4):587-602
23. *Nam, Y. H., Shea, D., **Shi, Y.** and J. Moran. (2017) *“State Prescription Drug Monitoring Programs and Fatal Drug Overdoses”*, American Journal of Managed Care, 23(5):297-303
24. **Shi, Y.**, Scanlon, D., *Bhandari, N., and J. Christianson (2017). *“Is Anyone Paying Attention to Physician Report Cards? The Impact of Increased Availability on Consumers' Awareness and Use of Physician Quality Information?”* Health Services Research, 52(4):1570-1589
25. Greene, J., Scanlon, D., J. Christianson., and **Y. Shi**. (2016). *“From Rhetoric to Reality: Consumer Engagement in 16 Multi-stakeholder Alliances”*, American Journal of Managed Care, 22(12 Suppl), 403-412
26. **Shi, Y.**, Scanlon, D., Kang, R., McHugh, M., Greene, J., Christianson, J., Muriel Jean-Jacques, M., Mahmud, Y., and J. Alexander. (2016). *“The Longitudinal Impact of Aligning Forces for Quality on Measures of Population Health, Quality and Experience of Care, and Cost of Care”*, American Journal of Managed Care, 22(12 Suppl), 373-381
27. **Shi, Y.**, *Fuentes-Caceres, V., McHugh, M., Greene, J., *Verevkina, N., Casalino, L. and S. Shortell (2016). *“Electronic Health Records and Patient Activation – Their Interactive Role in Medication Adherence”*, in Zheng et al (Eds.), *Smart Health* (pp 219-230). Switzerland: Springer.
28. *Bhandari, N., **Shi, Y.**, and K. Jung. (2016). *“Patient Experience of Provider Refusal of Medicaid Coverage and Its Implications”*, Journal of Health Care for the Poor and Underserved, 27(2):479-94.
29. McHugh, M., **Shi, Y.**, Ramsey, P., Harvey, J., Casalino, L., Fareed N., Shortell, S. and J. Alexander (2016). *“Using Local, Multi-Stakeholder Alliances to Spread Patient-Centered Medical Home Processes”*, Health Affairs, 35(1):141-149.
30. McHugh, M., **Shi, Y.**, McClelland, S., Shortell, S., Fareed N., Harvey J., Ramsey, P. and L. Casalino, L. and S. Shortell (2016). *“Using Multi-Stakeholder Alliances to Accelerate the Adoption of Health Information Technology”*, Healthcare, 4(2):86-91.
31. Scanlon, D. P., Alexander, J. A., McHugh, M., Beich, J., Christianson, J. B., Greene, J., Jean-Jacques, M., Leitzell, B., **Shi, Y.** and L. Wolf, (2016). *“Summative evaluation results and lessons learned from the Aligning Forces for Quality program”*, The American Journal of Managed Care, 22(12 Suppl), 360-372.
32. McHugh, M., Harvey, J., Kang, R., **Shi, Y.** and D. Scanlon (2016). *“Measuring the Dose of Quality Improvement Initiatives”*, Medical Care Research and Review, 73(2):227-246.

33. McHugh, M., Harvey, J., Kang, R., **Shi, Y.** and D. Scanlon. (2016). *“Community-Wide Quality Improvement Initiative on Patient Experience for Chronic Illness Care”*, Health Services Research, 51(1):76-97.
34. Hearld, L., Alexander, J. Bodenschatz, L. and **Y. Shi.** (2015). *“The Strategies and Challenges to Promoting Awareness of Multi-sectoral Health Care Alliances”*, Journal of Communication in Healthcare, 8(2):119-133.
35. Greene, J., Hibbard, J., **Shi, Y.**, Mittler, J. and D. Scanlon. (2015). *“Taking the Long View: How Well Do Patient Activation Scores Predict Outcomes Four Years Later?”*, Medical Care Research and Review, 72(3):324-37.
36. Greene, J., *Verekina, V., *Fuentes-Caceres, V. and **Y. Shi.** (2015). *“Who’s Aware of and Using Public Reports of Provider Quality?”*, Journal of Health Care for the Poor and Underserved, 26(3):873-88.
37. Hearld, L., Alexander, J., Bodenschatz, L. and **Y. Shi.** (2015). *“Leader Perceptions of Multi-Sectoral Healthcare Alliance Response to Health Reforms”*, American Journal of Accountable Care, 3(1):37-44.
38. Scanlon, D., **Shi, Y.**, Bhandari, N. and J. Christianson. (2015). *“Are Health Care Quality ‘Report Cards’ Reaching Consumers? Awareness in the Chronically Ill Population”*, American Journal of Managed Care, 21(3):236-244.
39. Alexander, J., Hearld, L. and **Y. Shi.** (2015). *“Assessing Organizational Change in Multi-sector Community Health Alliances”*, Health Services Research, 50(2):98-116.
40. *Bhandari, N., **Shi, Y.** and K. Jung. (2014). *“Health Information Seeking Online: Does Limited Health Care Access Matter?”* Journal of the American Medical Informatics Association, 21(6):1113-1117.
41. *Verekina, V., **Shi, Y.**, *Fuentes-Caceres, V. and D. Scanlon. (2014). *“The Association between Baseline Self-efficacy and Attrition in a Chronic Disease Self-Management Program”*, Health Education and Behavior, 41(6):590-598.
42. Hearld, L., Alexander, J. and **Y. Shi.** (2014). *“Leadership Transitions in Multisectoral Health Care Alliances: Implications for Member Perceptions of Participation Value”*, Health Care Management Review, 40(4):274-85.
43. Jung, K., Lim, D. and **Y. Shi.** (2014). *“Racial/ethnic Disparities in the Use of Antidepressants in Private Coverage: Implications for the Affordable Care Act”*, Psychiatric Services, 65(9):1140-1146.

44. Hearld, L., Alexander, J., **Shi, Y.** and L. Casalino. (2014). *“Pay-For-Performance and Public Reporting Program Participation and Administrative Challenges among Small- and Medium-Sized Physician Practices”*, Medical Care Research and Review, 71(3): 299–312.
45. *Lim, D., Jung, K. and **Y. Shi.** (2013). *“The Use of Antidepressants and Psychotherapy: National Trend and the Role of Medicare Part D, 1997-2009”*, Psychiatric Services, 64(10):1038-42.
46. Martsolf, G., Alexander, J., **Shi, Y.**, Casalino, L., Rittenhouse, D., Scanlon, D. and S. Shortell. (2012). *“Patient Centered Medical Home and the Patient Experience”*, Health Services Research. 47(6):2273-95.
47. Scanlon, D., Alexander, J., Beich, J., Christianson, J., Hasnain-Wynia, R., McHugh, M., Mittler, J., **Shi, Y.** and L. Bodenschatz. (2012). *“Evaluating the Impact of a Community-Based Program to Improve Health Care Quality: The AF4Q Research Design”*, American Journal of Managed Care. 18:eS165-eS176.

Selected Work in Progress:

1. **Shi, Y.**, and D. Agnihotri. *“Vendors of Electronic Health Records and Ambulatory Quality of Health System”*
2. *Zhu, J., **Shi, Y.**, and J. Li. *“Online Information and Preventive Use of Aspirin for Cardiovascular Disease”*
3. *Amill-Rosario, A., Segel, J., **Shi, Y.**, Leslie, D., Hillemeier, M. and D. Scanlon. *“Private Payer Reimbursement Policy and Telehealth Utilization for Outpatient Mental Health Care Among the Privately Insured”*
4. Mattila, A., *Ye, T., Chen, F. and **Y. Shi.** *“The role of listening behaviors in telemedicine encounters”*
5. *Amill-Rosario, A., **Shi, Y.**, Segel, J., Leslie, D., Hillemeier, M. and D. Scanlon. *“How Do We Assess the Prevalence of Telehealth Utilization?”*
6. **Shi, Y.**, Harvey, J., Scanlon, D., Wolf, L., Vanderbrink, J., Shaw, B., Ridgley, S., and C. Damberg. *“Redesigning Care Delivery In Health Systems – How Much Do We Know And How Should We Think About It”*
7. **Shi, Y.**, Hollenbeak, C., Xing, X., and L. Davis. *“Do Rural Patients Get Care at Rural Hospitals? Evidence from the Pennsylvania Rural Health Model”*

Comments, Reports, Research Summaries, and Other Publications:

1. **Shi, Y.,** *Williams, L., *Liu, S., Xing, X., Shaw, B., Davis, L., and C. Hollenbeak (2021). *“Pennsylvania Rural Health Model – Opioid Prescription Analysis”*, Report, Pennsylvania Department of Health.
2. **Shi, Y.,** *Liu, S., *Williams, L., Xing, X., Shaw, B., Davis, L., and C. Hollenbeak (2020). *“Pennsylvania Rural Health Model – Patient Flows Analysis”*, Report, Pennsylvania Department of Health.
3. Segel, J., **Shi, Y.,** and J. Moran. (2018). *“Opioid Misuse and Labor Market Outcomes – The Cost Implications for the States”*, Report, Office of the Attorney General, Commonwealth of Pennsylvania.
4. Hearld, L., Alexander, J., **Shi, Y.,** and J. Beich. (2016). *“Alliance Leadership Transitions and Members’ Assessment of the Costs and Benefits of Alliance Participation”*, Research Summary, Aligning Forces For Quality (AF4Q) Evaluation.
5. **Shi, Y.,** Jung, K., and *Lim, D. (2015). *“Disparities in Antidepressant Use: in Reply”*, Psychiatric Services, 66(2):212.
6. *Kaija, K., **Shi, Y.** and C. White. (2013). *“Centre Volunteers in Medicine: Measuring Patient Outcomes”*, Patient Survey Report, Centre Volunteers in Medicine.

Editorial Board:

Journal of Hospital Management and Health Policy

Grant Proposal Reviewer:

Social Science Research Institute

Journal Reviewer:

Health Services Research

JAMA Network Open

International Journal of Medical Informatics

Applied Clinical Informatics

International Journal for Quality in Health Care

American Journal of Managed Care

Journal of Rural Health

Communications of the ACM

Technology in Society

International Journal of Environmental Research and Public Health

BMC Health Services Research

Journal of Patient Safety

Invited Talks, Workshops, and Expert Panels:

1. ***“Opioids Misuse and Prescription Drug Monitoring Programs”***, Hershey Medical School, Pennsylvania State University, 2018.
2. ***“Prescription Drug Monitoring Programs and Overdose Mortality”***, Summit on the Opioid Epidemic, Pennsylvania State University, 2018.
3. ***“Should Hospitals and Physicians Use Ratings for Marketing?”*** Expert Panel, Health Care Ratings Summit, The Leapfrog Group, 2017
4. ***“Hospital Health Information Technology and Patient Experience”***, Richard M. Fairbanks School of Public Health, Indiana University, 2017

Media Interviews:

1. ***“Research on Coronavirus Spread Dynamics”***, Penn State News, 2020
2. ***“Prescription Drug Monitoring Programs”***, Erie Times, 2018
3. ***“Prescription Drug Monitoring Programs and Overdose Mortality”***, Missouriian, 2017
4. ***“Health Reforms and Insurance Coverage”***, Sinovision, 2017
5. ***“Opioid Misuse and Monitoring”***, Penn State News, 2017

Selected Conference Abstracts and Presentations (peer-reviewed):

Amill-Rosario, A., Segel, J., **Shi, Y.**, Leslie, D., Hillemeier, M., and D. Scanlon. ***“Private Payer Reimbursement Policy and Live-Video Utilization for Outpatient Mental Health Care Among the Privately Insured”***, Academy Health 2020

Amill-Rosario, A., **Shi, Y.**, Leslie, D., Hillemeier, M., and D. Scanlon. ***“Use of Live-Video Telehealth for Outpatient Mental Health or Substance Abuse Care in the Privately Insured”***, Academy Health 2019

Fuentes-Cáceres, V., and **Y. Shi**. ***“Influence of Vendor Strategy and Peer Pressure on the likelihood of achieving a more comprehensive HIT infrastructure. An analysis in the Hospital Setting”***. International Conference on Public Health - ICOPH 2019

Amill-Rosario, A., **Shi, Y.**, Leslie, D., Hillemeier, M., and D. Scanlon. ***“The Use of Telehealth and the Quality and Cost of Care”***, Annual Conference on Health IT and Analytics, 2018

Chiang, Y., Wang, H., and **Y. Shi**. *“Efficiently Identifying Trends in Healthcare using Text Mining and Topic Detection and Tracking”*, INFORMS Annual Conference, 2017

Shi, Y., Amill-Rosario, A., Rudin, R., Fischer, S., Shekelle, P., and C. Damberg. *“Barriers to using Clinic Decision Support and Computerized Provider Entry Among Physician Practices”*, INFORMS Annual Conference, 2017

Amill-Rosario, A., Jung, J., and **Y. Shi**. *“Cost Related Medication Nonadherence among the Chronically Ill”*, Academy Health, 2017

Bhandari, N., Moran, J., and **Y. Shi**, *“Free Trade And Health: Effect Of Chinese-US Trade Flows On Population Body Weight Outcomes”*, Academy Health, 2017

Shi, Y., Fuentes-Caceres, V., Segel, J., Fareed, N., Liu, G., and W. Chen. *“Hospital Health Information Technology and Patient Experience”*, INFORMS Annual Conference, 2016

Shi, Y., Fuentes-Caceres, V., Segel, J., Fareed, N., Liu, G., and W. Chen. *“Vendor Strategy and Hospital Health Information Technology Adoption”*, Academy Health, Health IT Interest Group (poster), 2016

McHugh, M., Harvey, J., Kang, R., **Shi, Y.**, Hamil, J., and D. Scanlon. *“Improving Quality at the Community Level: Findings from Aligning Forces for Quality (AF4Q)”*, Academy Health, 2016

Shi, Y., Fuentes-Caceres, V., Segel, J., Fareed, N., Liu, G., and W. Chen. *“Vendor Strategy and Hospital Health Information Technology Adoption”*, INFORMS International Meeting, 2016

Shi, Y., Fuentes-Caceres, V., McHugh, M., Greene, J., Verevkina, N., Casalino, L. and S. Shortell. *“Electronic Health Records and Patient Activation – Their Interactive Role in Medication Adherence”*, International Conference for Smart Health, 2015

Shi, Y., Scanlon, D. and J. Christianson, *“Evaluating a Complex Multi-Site Health Care Improvement Initiative – The Impact of Public Reporting”*, American Evaluation Association Annual Conference, 2014

McHugh, M., Harvey, J., Kang, R., **Shi, Y.** and D. Scanlon, *“Measuring the Dose of Quality Improvement Initiatives”*, Academy Health, 2014

Bhandari, N., **Shi, Y.** and K. Jung, *“Patient-Reported Provider Refusal of Medicaid Coverage in Adults: How Bad Is It and How Does It Matter?”* Academy Health, 2014

Mittler, J., **Shi, Y.** and E. Strumpf, *“Are chronically-ill adults who advise friends and family about health issues more likely to be engaged in their own health care than those who do not assume this social role?”*, Academy Health (poster), 2014

Shi, Y., Scanlon, D., Bhandari, N. and J. Christianson, “Community Level Quality Reporting and the Awareness and Use of Physician Quality Information among Individuals with Chronic Illnesses”, Academy Health (poster), 2013

Bhandari, N., Shi, Y. and K. Jung, “The Access to Health Care and the Use of Internet for Health Related Information”, Academy Health (poster), 2013

Scanlon, D., Shi, Y., Bhandari, N. and J. Christianson, “The Quality Transparency Movement: Awareness of Physician “Report Cards among the Adult Chronically Ill”, Medicine Grand Rounds – Medical University of South Carolina, 2013

Shi, Y., Scanlon, D., Bhandari, N. and J. Christianson, “The Awareness and Use of Physician Quality Information – Do Availability and Applicability of Public Reports Matter?” the Fourth Annual Workshop on Health IT and Economics, 2013

Bhandari, N., Shi, Y. and K. Jung, “Health Information Seeking Online: Does Limited Health Care Access Matter?” the Fourth Annual Workshop on Health IT and Economics, 2013

Lim, D., Jung, K. and Y. Shi, “The Use of Antidepressants and Psychotherapy: National Trend and Medicare Part D, 1997-2009”, Academy Health, 2012

Shi, Y., Fuentes, V., Casalino, L., Shortell, S. and N. Verevkina, “The Experience of Care Coordination among Chronically Ill Patients at Small and Medium Sized Physician Practices - Is Health Information Technology a Factor?”, Academy Health (poster), 2012

Shi, Y., McHugh, M., Kang, R. and S. Dresden, “Patient Centered Medical Home and Emergency Department Utilization”, the Society for Academic Emergency Medicine (SAEM) Annual Meeting, 2012

McHugh, M., Kang, R., Shi, Y., Dresden, S., Mittler, J. and V. Fuentes, “Patient Activation and Emergency Department Utilization”, the Society for Academic Emergency Medicine (SAEM) Annual Meeting, 2012

Martsof, G., Alexander, J., Shi, Y., Casalino, L., Rittenhouse, D., Scanlon, D. and S. Shortell, “Patient Centered Medical Home and Patient Experience”, Academy Health, 2011

Shi, Y., Scanlon, D. and G. Martsof, G, “Community-Based Quality Improvement Programs and Hospital Quality”, the International Health Economics Association (iHEA) Congress, 2011

Shi, Y. and R. Padman, “Information Technology Adoption and Hospital Quality: An Empirical Analysis”, the First Annual Workshop on Health IT and Economics, 2010

Administrative Services:

Graduate Council Joint Curricular Committee (university, 2021-present):

Advising and reviewing the curricular development and changes of graduate programs

College Scholarship Committee (college, 2016-present):

Reviewing and selecting students for need and merit based scholarships

Master of Health Administration Program Committee (departmental, 2015-present):

Responsibilities for CAHME accreditation, MHA competency model and curriculum development, MHA admission, case competitions, student advising and placement

Academy Health Student Chapter Advisor (departmental, 2015-present):

Directing and organizing PhD student research discussion and presentations

Teaching:

Instructor – Health Policy and Administration, Pennsylvania State University:

Introduction to Health Economics – 2015-2020 (Master of Health Administration)

Introduction to Health Economics – 2017-2020 (Master of Health Administration-Online)

Health Care Payment – 2017-2020 (Undergraduate)

Guest Lecturer – Health Policy and Administration, Pennsylvania State University:

Topics in Health Economics – 2019, 2021 (PhD)

Guest Lecturer – Health Policy and Administration, Pennsylvania State University:

Evidence-based Decision Making in Health Care Management – 2017 (Undergraduate)

Guest Lecturer – Health Policy and Administration, Pennsylvania State University: Health

Services Organizations and Delivery – 2013 – 2014 (Undergraduate)

Instructor – Heinz College, Carnegie Mellon University:

Intermediate Microeconomic Analysis – 2007 – 2009 (Master of Information Systems Management)

Quantitative Methods for Public Policy – 2006 – 2009 (Master of Science in Public Policy and Management)

Instructor – Tepper School of Business, Carnegie Mellon University:

Marketing Research – 2006 (Undergraduate)

Teaching Assistant - Heinz College, Carnegie Mellon University:

PhD Econometric Theory and Methods

PhD Microeconomics

Financial Management for Health Care

Cost Benefit Analysis
Financial Analysis for Managers
Intermediate Macroeconomics
Management Science
Decision Making under Uncertainty

Student Mentoring (Degree, Role, Time, Placement):

Erin McGinley (PhD, Dissertation Chair, 2017-present, pending)
Alejandro Amill-Rosario (PhD, Dissertation Chair, 2017-2019, Committee, 2020-2021, University of Maryland)
Brittany Brown-Podgorski (PhD, Dissertation Committee, 2017-2019, University of Pittsburgh)
Verónica Fuentes Cáceres (PhD, Dissertation Chair, 2015-2017, Universidad de Chile)
Neeraj Bhandari (PhD, Dissertation Committee, 2015-2016, University of Nevada)

Jingrong Zhu (PhD-Management, Visiting Scholar Advisor, 2018-2019, Communication University of China)
Yu-Hung Chiang (PhD-Information Systems, Visiting Scholar Advisor, 2017-2018, National Taichung University of Science and Technology)

Varidhi Duggal (MHA, Research Supervisor, 2021, MRO Health Information Management)
Xuanya Fu (MS-Industrial Engineering, Thesis Reader, 2020, Pending)
Jaspreet Ghuman (MHA, Residency Supervisor, 2020, KPMG)
Sarah Liu (MHA, Research Supervisor, 2020, Atlantic Health System)
Tony Liu (MHA, Academic Advisor, 2016, Taikang Community Investment)

Isabella Rater (BS, Honor Thesis Advisor, 2021-present, pending)
Devanshi Agnihotri (BS, Honor Thesis Advisor, 2020-2021, MS-Information Science-Penn State)
Katie Smith (BS, Honor Thesis Advisor, 2017-2018, MHA-Boston University)

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