

## PINAR KARACA-MANDIC (she/her/hers)

University of Minnesota Distinguished McKnight University Professor

C. Arthur Williams Jr. Professor of Healthcare Risk Management

University of Minnesota, Department of Finance, Carlson School of Management

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### EDUCATION

University of California at Berkeley, CA

Ph.D., Department of Economics 2004

Swarthmore College, PA

B.A., Mathematics and Economics, concentration in Public Policy, *high honors* 1998

### PROFESSIONAL APPOINTMENTS

*University of Minnesota Distinguished McKnight University Professor* 03/23-present

*Founding Director*

[Business Advancement Center for Health \(BACH\)](#), Carlson School of Management 01/22-present

University of Minnesota, Minneapolis, MN.

C. Arthur Williams Jr. Professor in Healthcare Risk Management 07/20-present

Department of Finance, Carlson School of Management

*Research Consultant* 12/22-present

Mayo Clinic, Mayo Foundation for Medical Education and Research

*Academic Director*

[Medical Industry Leadership Institute \(MILI\)](#), Carlson School of Management 10/17-12/21

University of Minnesota, Minneapolis, MN.

*Co-Founder and Co-Lead* 03/20-08/22

[University of Minnesota COVID-19 Hospitalization Tracking Project](#)

*Research Associate*

[National Bureau of Economic Research \(NBER\)](#) 09/14-present

*Core Faculty Member*

Institute for Health Informatics, University of Minnesota, Minneapolis, MN 03/18-present

University of Minnesota Data Science and AI Hub 01/24-present

*Associate Professor (with tenure)*

Department of Finance, Carlson School of Management 08/17-07/20

Division of Health Policy and Management, School of Public Health, 07/14-08/17

University of Minnesota, Minneapolis, MN.

*Assistant Professor*

Division of Health Policy and Management, School of Public Health

University of Minnesota, Minneapolis, MN 09/07-06/14

*Faculty Research Fellow*

National Bureau of Economic Research 05/11-09/14

*Graduate Faculty* 12/07-present

Department of Applied Economics, School of Public Health, Division of Health Policy and

Management, Minnesota Population Center, University of Minnesota, Minneapolis, MN

*Associate (Health) Economist*

RAND (Health), Santa Monica, CA 09/04-09/07

## ENTREPRENEURIAL/EXECUTIVE APPOINTMENTS

Co-Founder, Chief Executive Officer, [XanthosHealth](#) 08/20 - present  
*A digital social care referral platform which provides real-time and continuous identification of health related social needs of people affected by cancer, connecting them with curated relevant community organizations and social services*

Small Business Innovation Research (SBIR) Phase I contract awardee 09/21-06/22  
National Institutes of Health, National Cancer Institute, \$1,880,487

Small Business Technology Transfer (STTR) Phase II grant awardee 09/24-08/26  
National Institutes of Health, National Cancer Institute, \$499,900

Co-Founder, [Medevisor](#) 01/23- present  
*An online decision support system that provides solutions to help medical device manufacturers and regulators timely and accurately predict medical device adverse events based on machine learning and artificial intelligence technology*

## ADVISORY/EDITORIAL APPOINTMENTS

**Board Member**, [HealthcareMN](#), a collaborative community hub of healthcare innovators, 08/23-present

**Board Member**, [Business School Alliance for Health Management \(BAHM\)](#), 10/17-present

*BAHM is an international consortium of 21 premier MBA programs dedicated to advancing thought leadership, research and education in the global health sector.*

- Co-Chair of Research, Outreach and Curriculum Committee, 08/22-present

**Editorial Board Member**, International Journal of Health Economics and Management, 04/17-present

**Associate Editor**, *Forum for Health Economics and Policy*, 10/14-present

**Member**, U.S. Department of Health and Human Services Working Group, COVID-19 Hospital Actuals and Estimates, 08/20-08/21

**Member**, U.S. Food & Drug Administration Public Health Expert Working Group, Landscape analysis for the Department of Health and Human Services health innovation agenda, 07/20-07/21

**Scientific Committee, Program Co-Chair** (for Programs on “Demand and utilization of health services” and “Supply of health services”), International Health Economics Association (iHEA), 10/16-05/19

**Advisory Committee Member**, AcademyHealth Interest Group Advisory Committee for Health Economics, 08/13-05/16

**Academic Advisory Panel**, Health Care Cost Institute, 03/18-10/18

## PENDING NON-PROVISIONAL PATENT APPLICATIONS

1. Dynamic Program Recommendation with Reduced Network Connections, Application #18/770,885, 07/12/2024 (David Haynes and Pinar Karaca-Mandic), for ConnectedNest, XanthosHealth
2. Using Predicate Device Networks to Predict Medical Device Recalls, Application #18/408,061, 01/09/2024 (Soumya Sen, Yi Zhu and Pinar Karaca-Mandic)

## PEER-REVIEWED PUBLICATIONS

(underlined authors were graduate student trainees and collaborators when the research started)

1. Adams M, **Karaca-Mandic M**, Marmor S. "Meclizine utilization and subsequent falls among patients with dizziness in the United States", *JAMA Otolaryngology-Head & Neck Surgery*, July 24, 2025

2. Lee D., Basu A, Dugan J, **Karaca-Mandic P.** "Do For-Profit Hospitals Cream-Skim Patients? Evidence from Inpatient Psychiatric Care in California", *Journal of Health Economics*, available online June 21, 2025
3. Haynes, D., Trempe, E., Iwan, A., Osegueda, E., Sarkin C., Cross, D., Begnaud, A., Newcomer, K., Parson, H., **Karaca Mandic, P.**, (2025) Enhancing cancer care through digital social care referrals: insights from the ConnectnedNest pilot study, *Supportive Care in Cancer*, 33,539 10.1007/s00520-025-09523-5
4. Everhart A, **Karaca-Mandic P**, Redberg RF, Ross JS, Dhruva S. "Late adverse event reporting from medical device manufacturers to the US Food and Drug Administration: cross sectional study", *The BMJ*, February 2025
5. Marmor S, **Karaca-Mandic P**, Adams M "Vestibular suppressant utilization and subsequent falls among patients 65 years and older with dizziness in the United States", *Journal of the American Geriatrics Society (JAGS)*, February 2025
6. Everhart A, Brito JP, Clarke BL, Herrin J, **Karaca-Mandic P**, Kennel K, Parimi N, Rosen CJ, Tagaki M, McCoy R "Trends in Osteoporosis Drug Therapy Receipt Among Commercial and Medicare Advantage Enrollees in the US, 2011-2022, *The Journal of Clinical Endocrinology & Metabolism*, Jan 2025
7. Aghamolla C, **Karaca-Mandic P**, Li X, Thakor R "Merchants of death: The effect of credit supply shocks on hospital outcomes", *American Economic Review*, November, 2024
8. Haynes D, Cheng P, Weaver M, Parsons H, **Karaca-Mandic P** "A human-centered approach for social care referrals facilitated through a health information technology platform", *Applied Clinical Informatics*, October 2024
9. Parsons H, Haynes D, Blaes A, Church T, Halberg J, Johnson S, **Karaca-Mandic P** "Addressing Social Needs in Oncology Practices: A Case Study of a Patient-Centered Approach using Health Information Technology", *Journal of Clinical and Translational Science*, September 2024
10. Nikpay S, Zhang Z; **Karaca-Mandic P.** "Return on Investments in Social Determinants of Health Interventions: What is the evidence?", *Health Affairs Scholar*, September 2024
11. Marmor S, **Karaca-Mandic P**, Adams M. "Use of physical therapy and subsequent falls among patients with dizziness in the United States", *JAMA Otolaryngology-Head & Neck Surgery*, September 14, 2023
12. Chang J, **Karaca-Mandic P**, Jeffery M. "Uptake of biosimilar among privately-insured patients undergoing infliximab treatment", *Medical Care*, July 11, 2023
13. **Karaca-Mandic P**, Solid C, Armer JM, Skoracki R, Campione E, Rockson S. "Lymphedema Self-Care: Economic Cost Savings and Opportunities to Improve Adherence", *Cost Effectiveness and Resource Allocation*, July 29, 2023
14. Chang J, **Karaca-Mandic P**, Nikpay S, Jeffery M. "Association of 340B program participation with commercial insurance spending on outpatient biologic oncology drugs", *JAMA Health Forum*, June 23, 2023
15. Sankar A, Everhart A, Jena AB, Jeffery M, Ross J, Shah N, **Karaca-Mandic P** (2023) "Longitudinal Patterns in Testosterone Prescribing After U.S. FDA Safety Communication in 2014", *The Joint Commission Journal on Quality and Patient Safety*, May 2,4 2023
16. Chang J, **Karaca-Mandic P**, Go R, Schondelmeyer S, Weisdorf D, Jeffery M (2022) "Provider barriers in uptake of biosimilars: case study on filgrastim, *American Journal of Managed Care*, May 22, 2023
17. **Karaca-Mandic P**, Nikpay S, Gibbons S, Haynes D, Koranne R, Thakor R "Proposing An Innovative Bond to Improve Investments in Social Drivers of Health In Medicaid Managed Care", *Health Affairs*, March 6, 2023

18. Everhart A, Sen S, Stern A, Zhu Y, **Karaca-Mandic** P “Association between regulatory submission characteristics and recalls of medical devices receiving 510(k) clearance”, *JAMA*, January 10, 2023
19. Vock, D.M. Neprash H, Hanson A, Elert B, Satin D, Rothman A, Short S, **Karaca-Mandic** P, Markowitz R, Melton G, Golberstein, E. (2022). PRescribing INterventions for Chronic pain using the Electronic health record (PRINCE): Study Protocol. *Contemporary Clinical Trials*, October 2022
20. Togun AT, **Karaca-Mandic** P, Wurtz R, Jeffery M, Beebe T. “Changes in Opioid Marketing Practices following the CDC Guideline Release”, *American Journal of Managed Care*, October 2022
21. Rockson GR, **Karaca-Mandic** P, Nguyen M, Shadduck K, Gingerich P, Campione E, Hettrick H. (2022). A non-randomized, open-label study of the safety and effectiveness of a novel non-pneumatic compression device (NPCD) for lower limb lymphedema. *Nature Scientific Reports*, August 2022
22. Zhu Y, Carroll C, Vu K, Sen S, Georgiou A, **Karaca-Mandic**, P. “COVID-19 Hospitalization Trends in Rural Versus Urban Areas in the United States”, *Medical Care Research and Review*, July 2022
23. Neprash H, Vock D, Hanson A, Elert B, Short S, **Karaca-Mandic**, P, Rothman A, Melton G, Satin D. Markowitz R, Golberstein E. “Effect of Integrating Access to a Prescription Drug Monitoring Program Within the Electronic Health Record on the Frequency of Queries by Primary Care Clinicians: A Cluster Randomized Clinical Trial”, *JAMA Health Forum*, June 2022
24. Errore A, Peterson F, **Karaca-Mandic**, P. “Lifting Statewide Mask Mandates and COVID-19 Cases: A synthetic control study”, *Medical Care*, April 2022
25. Georgiou A, Chang J, **Karaca-Mandic**, P. “Association of Large Financial Incentives with COVID-19 Vaccination Uptake Among Employees of a Large Private Company”, *JAMA Network Open*, April, 2022
26. Adams ME, **Karaca-Mandic**, P, Marmor S. “Use of neuroimaging following dizziness presentations to outpatient clinics versus emergency departments in the United States”, *JAMA Otolaryngology-Head & Neck Surgery*, April, 2022
27. Togun AT. Sankar A, **Karaca-Mandic** P “FDA Safety Warnings and Trends in Testosterone Marketing to Physicians”, *American Journal of Managed Care*; 28(3), 2022
28. Sankar A, Swanson K, Zhou J, Jena A, Ross J, Shah N, **Karaca-Mandic** P “Association of Fluoroquinolone Prescriptions Following FDA Boxed Warnings in 2013 and 2016”, *JAMA Network Open*, Dec 2021
29. Togun AT, **Karaca-Mandic** P, Wurtz R, Jeffery M, Beebe T “Association of Opioid Fills with Centers for Disease Control and Prevention Opioid Guidelines and Payer Coverage Policies: Physician, Insurance and Geographic Factors”, *International Journal of Clinical Pharmacy*, December 2021
30. Levin Z, Chang J, **Karaca-Mandic** P, Duarte-Garcia A, Jeffery M “Characteristics of Hydroxychloroquine Fills in the United States, January to May 2020”, *Journal of General Internal Medicine*, October 2021
31. Togun AT, **Karaca-Mandic** P, Wurtz R, Jeffery M, Beebe T, “Association of Three CDC Opioid Prescription Guidelines for Chronic Pain and Two Payer Pharmacy Coverage Changes on Opioid Initiation Practices”, *Journal of Managed Care and Specialty Pharmacy*, 27(10), October 2021 [Selected as the 2020 recipient of the JMCP [Award for Excellence](#)]
32. Everhart A, Harper K, Jeffery M, Levin Z, Morden N, Sankar A, **Karaca-Mandic** P “Trends in Testosterone Prescriptions for Older Men Enrolled in Commercial Insurance and Medicare Advantage”, *JAMA Network Open*, September 29, 2021;4(9):e2127349
33. Stecher C, Everhart A, Smith LB, Jena A, Ross J, Desai N, Shah N, **Karaca-Mandic** P. “Physician Network Connections Associated with Faster De-Adoption of Dronedarone for Permanent Atrial Fibrillation”, *Circulation: Cardiovascular Quality and Outcomes*, September 24, 2021
34. Vu K, Zhou J, Everhart A, Desai N, Herrin J, Jena A, Ross J, Shah N, **Karaca-Mandic** P “Uptake of evidence by physicians: De-adoption of erythropoiesis-stimulating agents after the TREAT trial”, *BMC Nephrology*, 21 August, 2021

35. Gupta S, Georgiou A, Sen S, Simon K, **Karaca-Mandic P** "US Trends in COVID-19-Associated Hospitalization and Mortality Rates Before and After Reopening Economies", *JAMA Health Forum*, 2(6), 2021
36. McCoy R, Van Houten H, **Karaca-Mandic P**, Ross J, Montori V, Shah N "Second-Line Therapy for Type 2 Diabetes Management: The Treatment/Benefit Paradox of Cardiovascular and Kidney Comorbidities", *Diabetes Care*, July 2021
37. Bishop JR, Huang SR, Brown JT et al "Pharmacogenomics education, research, and clinical implementation in the state of Minnesota", *Pharmacogenomics*, July; 22(1) 2021
38. Chang J, **Karaca-Mandic P**, Go. RS., Schondelmeyer S, Weisdorf D, Jeffery, M "Site of Care potentially limits cost-savings from biosimilars", *American Journal of Managed Care*, August 2021
39. Rockson SD, **Karaca-Mandic P**, Skoracki R, Hock K, Nguyen M, Shadduck K, Gingerich P, Campione E, Leifer A, Armer J, "Clinical Evaluation of a Novel Wearable Compression Technology in the Treatment of Lymphedema, An Open-Label Controlled Study", *Lymphatic Research and Biology*, July, 2021
40. Sacks D, Huang TY, Vu K, **Karaca-Mandic P** "How do insurance firms respond to financial risk sharing regulations? Evidence from the Affordable Care Act", (2021), *Health Economics*, April 1, 2021 <https://onlinelibrary.wiley.com/doi/10.1002/hec.4252>
41. Huckfeldt PJ, Gu J, Escarce JJ, **Karaca-Mandic P**, Sood N "The association of vertically integrated care with health care use and outcomes", *Health Services Research*, March 17, 2021 <https://onlinelibrary.wiley.com/doi/10.1111/1475-6773.13642>
42. Rojanasarot S, Carlson A, St. Peter W, **Karaca-Mandic P**, Wolfson J, Schommer JC "Translational effect of provider-focused, multi-state, multi-clinic asthma care quality improvement program on patient-level health care costs" *Journal of Primary Care & Community Health*, March 20, 2021 <https://journals.sagepub.com/doi/10.1177/21501327211000246>
43. Everhart A, Desai N, Dowd B, Herrin J, Higuera L, Jena A, Ross J, Shah N, Smith L, and **Karaca-Mandic P**. "Physician Variation in the De-adoption of Ineffective Statin and Fibrate Therapy." (2021). *Health Services Research*, February 10, 2021
44. Levin Z, Choyke K, Georgiou A, Sen S, **Karaca-Mandic P** "Trends in Pediatric Hospitalizations for Coronavirus Disease", *JAMA Pediatrics*, January 11, 2021
45. McCoy R., Van Houten H, Deng Y, **Karaca-Mandic P**, Ross J, Montori V, Shah N, "Comparison of Diabetes Medications Used by Adults with Commercial Insurance vs. Medicare Advantage, 2016-2019, *JAMA Open*, February 1, 2021
46. Groeneveld P, Yang L, Segal A, **Karaca-Mandic P**, Kanter G "The Effects of Market Competition on Cardiologists' Adoption of Transcatheter Aortic Valve Replacement", *Medical Care*, September 2020
47. **Karaca-Mandic P**, Sen S, Georgiou A, Zhu Y, Basu A, "Association of COVID-19- related Hospital Use and Overall COVID-19 Mortality in the USA, *Journal of General Internal Medicine*, August 19, 2020
48. **Karaca-Mandic P**, Georgiou A, Sen S, "Assessment of COVID-19 Hospitalizations by Race/Ethnicity in 12 States", *JAMA Internal Medicine*, August 17, 2020
49. Sen S. **Karaca-Mandic P**, Georgiou A. "Association of Stay-at-Home Orders With COVID-10 Hospitalizations in 4 States" *JAMA*, May 27, 2020
50. Smith LB, Desai N, Dowd B, Everhart A, Herrin J, Higuera L, Jeffery M, Jena A, Ross J, Shah N, **Karaca-Mandic P**. "Patient and provider-level factors associated with changes in utilization on treatments in response to evidence on ineffectiveness or harm" *International Journal of Health Economics and Management*, April 30, 2020

51. Rojanasarot S, Carlson A, St. Peter W, **Karaca-Mandic P**, Wolfson J, Schommer JC “Reducing Potentially preventable health events among patients with asthma through multi-state, multi-center quality improvement program”, *Journal of Asthma*, 27 Mar 2020
52. **Karaca-Mandic P**, Chang J, Go R, Schondelmeyer S, Weisdorf D, Jeffery M. “Biosimilar filgrastim uptake and affordability among commercially insured and Medicare Advantage enrollees”, *Health Affairs*, 38(11), 2019
53. Solotke M, Dhruva S, Shah N, **Karaca-Mandic P**, Ross J. “Medicare Prescription Drug Plan Formulary Restrictions After Postmarket FDA Black Box Warnings: A Case Control Study”, *Journal of Managed Care & Specialty Pharmacy*, 25(11), 2019
54. McCoy RG, Dykhoff HJ, Sangaralingham L, Ross J, **Karaca-Mandic P**, Montori V, Shah N. “Adoption of New Glucose-Lowering Medications in the U.S., - the case of SGLT2 inhibitors: Nationwide cohort study”, *Diabetes Technology and Therapeutics*, 21(12), 2019
55. Yu J, Jena A, **Karaca-Mandic P**, Golberstein E. “Factors Associated with Psychiatrist Opt-Out from U.S. Medicare”, *J Gen Internal Medicine*, August 16, 2019
56. Jeffery M, Hooten M, Jena A, Ross J, Shah N, **Karaca-Mandic P**. “Rates of Physician Coprescribing of Opioids and Benzodiazepines After the Release of the Centers for Disease Control and Prevention Guidelines in 2016”, *JAMA Open*, August 2, 2019; 2(8)
57. Snider J, Brauer M, Batt K, Hao Y, **Karaca-Mandic P**, Zhang J, Goldman D. “The Potential Impact of CAR T-Cell Treatment Delays on Society, *American Journal of Managed Care*, August 2019
58. Rojanasarot S, Heins Nesvold J, **Karaca-Mandic P**, St. Peter W, Wolfson J, Schommer J, Carlson A. “Enhancing guideline-based asthma care processes through a multi-state, multi-center quality improvement program”, *J Asthma*, April, 2019
59. Weissblum L, Huckfeldt P, Escarce J, **Karaca-Mandic P**, Sood N. “ Skilled Nursing Facility Participation in Medicare’s Bundled Payments for Care Improvement Initiative: A Retrospective Study” *Arch Phys Med Rehabil.*, Oct 4, 2018
60. Huckfeldt P, Weissblum L, Escarce J, **Karaca-Mandic P**, Sood N. “Do skilled nursing facilities selected to participate in Preferred Networks Have Higher Quality and Lower Costs?” *Health Services Research*, August 15, 2018
61. Gollust S, Wilcock A, Baum L, Barry C, Niederdeppe J, Franklin Fowler E, **Karaca-Mandic P**. “TV Advertising Volumes Were Associated with Individuals’ Health Insurance Marketplace Shopping and Enrollment Behaviors in 2014”, *Health Affairs* 37 (6), 2018 (recognized as the “top ten” articles of 2018 by *Health Affairs* Editor-in-Chief, Alan Weil)
62. Barry CL, Bandara S, Arnold K, Pintor J, Baum L, Niederdeppe J, **Karaca-Mandic P**, Franklin-Fowler E, Gollust SE. “Assessing the Content of Television Health Insurance Advertising during Three Open Enrollment Periods of the ACA”, *Journal of Health Politics, Policy and Law*, August 2018
63. Lerman M, Gaebler J, Hoy S, Izhakoff J, Gullett L, Niecko T, **Karaca-Mandic P**, O’Donnell T, Rockson S. “Health and Economic Benefits of Advanced Pneumatic Compression Devices in Patients with Phlebolympheidema”, *Journal of Vascular Surgery*, June 15, 2018
64. Hung P, Kozhimannil K, Casey M, **Karaca-Mandic P**, Moscovice I. “Rural-Urban Differences in Access to Hospital Obstretic and Neonatal Care: How far is the Closest One”, *Journal of Perinatology*, Jun 38(6), 2018



65. Jeffery M, Shah N, **Karaca-Mandic P**, Ross J, Rank M. "Trends in Omalizumab Utilization for Asthma: Evidence of Suboptimal Patient Selection" *J Allergy Clin Immunol Pract.*, September 22, 2017
66. **Karaca-Mandic P**, Hirsch A, Rockson S, Ridner S. "A Comparison of Programmable and Non-Programmable Compression Devices for Treatment of Lymphedema Using an Administrative Health Outcomes Dataset", *British Journal of Dermatology*, June 2, 2017.
67. **Karaca-Mandic P**, Wilcock A, Baum L, Barry C, Niederdeppe J, Franklin Fowler E, Gollust S. "The Volume of TV Advertisements during ACA's First Enrollment Period was Associated with Increased Insurance Coverage." *Health Affairs*, March 2017. (recognized as the top 10 most shared Health Affairs in 2017, <https://www.healthaffairs.org/doi/10.1377/hblog20180104.565753/full/>). Cited in a Congressional letter to the Secretary of the U.S. Department of Health and Human Services, and the Administrator of the Centers for Medicare and Medicaid Services requesting additional information on the budget cuts to Affordable Care Act's funding for open enrollment marketing and advertising (<https://democrats-energycommerce.house.gov/sites/democrats.energycommerce.house.gov/files/documents/HHS.2017.09.11.%20Letter%20re%20ACA%20Navigators..pdf>)
68. **Karaca-Mandic P**, Jena AB, Ross J. "Health and Healthcare Use among Individuals at Risk to Lose Health Insurance with Repeal of the Affordable Care Act ", *JAMA Internal Medicine*, Jan 20, 2017
69. Dhruva S, **Karaca-Mandic P**, Shah N, Ross J. "Association between FDA Black Box Warnings and Medicare Formulary Coverage Changes", *American Journal of Managed Care*, 23(9), Sept 2017
70. Huckfeldt P, Escarce J, Rabideau B, **Karaca-Mandic P**, Sood N. "Less Intense Postacute Care, Better Outcomes for Enrollees in Medicare Advantage Than Those in Fee-for-Service", *Health Affairs*, 2017. Jan 1;36(1):91-100
71. Dhruva S, Desai NP, **Karaca-Mandic P**, Shah N, Ross J. "Medicare Formulary Changes After the 2013 American College of Cardiology/American Heart Association Cholesterol Guideline." *Journal of the American College of Cardiology*, J Am Coll Cardiol., Jan 17, 2017
72. Kozhimannil K, **Karaca-Mandic P**, Blauer-Peterson C, Shah N, Snowden JM. "Uptake and Utilization of Practice Guidelines in U.S. Hospitals: The Case of Routine Episiotomy." *Joint Commission Journal on Quality and Patient Safety*, 2017; 43: 41-48
73. Starner C, Qiu Y, **Karaca-Mandic P**, Gleason P. "A Controlled Substances Scoring Algorithm Association with Healthcare Costs and Hospitalizations: A Cohort Study." *Journal of Managed Care and Specialty Pharmacy*, 2016.22(12):1403-1410
74. Gollust S, Qin X, Wilcock A, Baum L, Barry C, Niederdeppe J, Franklin Fowler E, **Karaca-Mandic P**. "Search and You Shall Find: Characteristics Associated with Google Searches During the Affordable Care Act's First Enrollment Period." *Medical Care Research and Review*, 2016 Jul 25.
75. **Karaca-Mandic P**, Graven P, Feldman R. "The Role of Agents and Brokers in the Market for Health Insurance." *Journal of Risk and Insurance*, Nov 2016
76. Jena B, Goldman D, **Karaca-Mandic P**. "Hospital variation in opioid prescribing." *JAMA Internal Medicine*. 2016 Jul 1;176(7):990-7. doi: 10.1001/jamainternmed.2016.2737.
77. Bayindir E, **Karaca-Mandic P**. "Medicare and Private Insurance Variations in New Medical Technology: The Case of Drug Eluting Stents." *Health Economics & Outcome Research: Open Access*. 2016 Jun;2(2). pii: 114. Epub 2016 May 18.

78. Boudreaux M, Blewett L, Fried B, Hempstead K, **Karaca-Mandic P**. "Community Characteristics and Qualified Health Plan Selection during the First Open Enrollment Period." *Health Services Research*. 2016 Jun 28. doi: 10.1111/1475-6773.12525. [Epub ahead of print].
79. **Karaca-Mandic P**, Town RJ, Wilcock A. "The Effect of Physician and Hospital Market Structure on Medical Technology Diffusion." *Health Services Research*. 2016 May 16. doi: 10.1111/1475-6773.12506. [Epub ahead of print].
80. Boudreaux M, Gonzales G, Blewett LA, Fried B, **Karaca-Mandic P**. "Residential High Speed Internet among Those Likely to Benefit from an Online Health Insurance Marketplace." *Inquiry*. 2016 Jan 18;53. pii: 0046958015625231. doi: 10.1177/0046958015625231. [Epub ahead of print].
81. **Karaca-Mandic P**, Hirsch A, Rockson S, Ridner S. "The Cutaneous, Net Clinical, and Health Economic Benefits of Advanced Pneumatic Compression Devices in Patients with Lymphedema." *JAMA Dermatology*. 2015 Nov;151(11):1187-93. doi: 10.1001/jamadermatol.2015.1895.
82. Fulton B, Hollingshead A, **Karaca-Mandic P**, Scheffler R. "Republican States Bolstered Their Health Insurance Rate Review Programs Using Incentives From the Affordable Care Act." *Inquiry*. 2015 Sep 21;52. pii: 0046958015604164. doi: 10.1177/0046958015604164. [Epub ahead of print].
83. **Karaca-Mandic P**, Fulton B, Hollingshead A, Scheffler R. "States With Stronger Health Insurance Rate Review Authority Experienced Lower Premiums In The Individual Market In 2010-13." *Health Affairs*. 2015 Aug;34(8):1358-67. doi: 10.1377/hlthaff.2014.1463.
84. Ma P, Marinovic I, **Karaca-Mandic P**. "Drug Manufacturers' Delayed Disclosure of Serious and Unexpected Adverse Events to the US Food and Drug Administration." *JAMA Intern Medicine*. 2015 Sep;175(9):1565-6. doi: 10.1001/jamainternmed.2015.3565.
85. Jena A, Ho O, Goldman D, **Karaca-Mandic P**. "The Impact of the U.S. Food and Drug Administration Chlorofluorocarbon Ban on Out-of-Pocket Costs and Use of Albuterol Inhalers among Individuals with Asthma." *JAMA Internal Medicine*. 2015 Jul;175(7):1171-9. doi: 10.1001/jamainternmed.2015.1665.
86. Krinn K, **Karaca-Mandic P**, Blewett L. "State-Based Marketplaces Using Clearinghouse Plan Management Models are Associated with Lower Premiums." *Health Affairs*. 2015 Jan;34(1):161-9. doi: 10.1377/hlthaff.2014.0627.
87. **Karaca-Mandic P**, Abraham J, Simon K. "Is the Medical Loss Ratio a Good Target Measure for Regulation in the Individual Market for Health Insurance?" *Health Economics*. 2015 Jan;24(1):55-74. doi: 10.1002/hec.3002. Epub 2013 Oct 4.
88. Brayton K, Hirsch A, O'Brien P, Cheville A, **Karaca-Mandic P**, Rockson S. "Lymphedema Prevalence and Treatment Benefits in Cancer: Impact of a Therapeutic Intervention on Health Outcomes and Costs." *PLoS One*. 2014 Dec;9(12):e114597. doi: 10.1371/journal.pone.0114597. eCollection 2014.
89. Lin CW, **Karaca-Mandic P**, McCullough J, Weaver L. "Access to Oral Osteoporosis Drugs among Female Medicare Part D Beneficiaries." *Womens Health Issues*. 2014 Jul-Aug;24(4):e435-45. doi: 10.1016/j.whi.2014.04.002. [Epub 2014 May 14].
90. Jena A, Goldman D, Weaver L, **Karaca-Mandic P**. "Opioid Prescribing by Multiple Providers in Medicare: Retrospective Observational Study of Insurance Claims." *British Medical Journal*. 2014 Feb 19;348:g1393. doi: 10.1136/bmj.g1393.



91. Abraham J, **Karaca-Mandic P**, Simon K. "How has the Affordable Care Act's Medical Loss Ratio Regulation Affected Insurer Behavior?" *Medical Care*. 2014 Apr;52(4):370-7. doi: 10.1097/MLR.000000000000091.
92. Przedworski JM, McAlpine D, **Karaca-Mandic P**, VanKim NA. "Health and health risks among sexual minority women: an examination of three subpopulations." *American Journal of Public Health*. 2014 Jun;104(6):1045-7. doi: 10.2105/AJPH.2013.301733. Epub 2014 Apr 17.
93. **Karaca-Mandic P**, Choi S, Lee J, Scal P. "Family Out-of-Pocket Health Care Burden and Children's Unmet or Delayed Health Care." *Academic Pediatrics*. 2014 Jan-Feb;14(1):101-8. doi: 10.1016/j.acap.2013.10.005.
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99. Ben-Ner A, **Karaca-Mandic P**, Ren T. "Ownership and Quality in Markets with Asymmetric Information: Evidence from Nursing Homes." *B.E. Journal of Economic Analysis & Policy*. 2012;12(1 Topics): Article 42. doi 10.1515/1935-1682.3038.
100. **Karaca-Mandic P**, Jena A, Joyce G, Goldman D. "Out-Of-Pocket Medication Costs, and the Use of Medications and Health Care Services among Children With Asthma." *Journal of the American Medical Association*. 2012 Mar 28;307(12):1284-91. doi: 10.1001/jama.2012.340.
101. Chen S, **Karaca-Mandic P**, Levin R. "Who Values Information from a Health Plan Internet-based Decision Tool and Why: A Demographic and Utilization Analysis." *Health Services Research*. 2012 Feb;47(1 Pt 1):151-73. doi: 10.1111/j.1475-6773.2011.01309.x. Epub 2011 Aug 22.
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104. **Karaca-Mandic P**. "Role of Complementarities in Technology Adoption: The Case of DVD Players." *Quantitative Marketing and Economics*. 2011;9(2):179-210. doi: 10.1007/s11129-011-9100-9.

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111. Kamar E, **Karaca-Mandic P**, Talley E. "Going-Private Decisions and the Sarbanes-Oxley Act of 2002: A Cross-Country Analysis." *Journal of Law, Economics and Organization*. 2009 May;25(1):107-33. doi:10.1093/jleo/ewn019
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113. Gates S, Kapur K, **Karaca-Mandic P**. "Consumer-Directed Health Plans and Health Savings Accounts: Have They Worked for Small Businesses?" *Forum for Health Economics & Policy*. 2008;11(2):Special Section 1-20.
114. Joyce G, Goldman D, **Karaca-Mandic P**, Zheng Y. "Pharmacy Benefit Caps and the Chronically Ill." *Health Affairs*. 2007 Sep-Oct;26(5):1333-44.
115. Goldman D, Joyce G, **Karaca-Mandic P**, Sood N. "Adverse Selection in Retiree Prescription Drug Plans." *Forum for Health Economics & Policy*. 2006 Dec;9(1):ISSN (Online) 1558-9544. doi: 10.2202/1558-9544.1062.,
116. Edlin A, **Karaca-Mandic P**. "The Accident Externality from Driving." *Journal of Political Economy*. 2006 Oct;114(5):931-55.
117. Goldman D, Joyce G, **Karaca-Mandic P**. "Varying Pharmacy Benefits with Clinical Status: The Case of Cholesterol-Lowering Therapy." *American Journal of Managed Care*. 2006 Jan;12(1):21-8.
118. **Karaca-Mandic P**, Train K. "Standard Error Correction in Two-Stage Estimation with Nested Samples", *Econometrics Journal* 2003 Dec;6(2):201-7. doi: 10.1111/1368-423X.t01-1-00115.
119. **Karaca, P**. "The Object and the Study of Mathematics", Humanistic Mathematics Network Journal, # 16, November 1997 (current journal name is *Journal of Humanistic Mathematics*).

## BOOK CHAPTERS/ EDITORIALS/OP-EDS/CONFERENCE PAPERS/NBER WORKING PAPERS

(underlined authors were graduate student trainees and collaborators when the research started)

120. Haynes, D., Trempe, E., Osegueda, E., Iwan, A., Sarkin, C., Cross, D., Begnaud, A., Newcomer, K., Parsons, H., & **Karaca-Mandic**, P. K. (2025). A mixed-method community pilot of a digital social care referral platform for individuals with cancer. *Health Services Research*, 60(S1), e14531 (abstract from SIREN 2025 National Research Meeting: Advancing the Science of Social Care)
121. Lee D, Basu A, Dugan J, **Karaca-Mandic** P, “Do for-profit hospitals cream skim patients? Evidence from Inpatient Psychiatric Care in California”, NBER working paper 32179, March 2024
122. Levin Z, **Karaca-Mandic** P, Boxer R, Herzlinger, RE, “Association of hospital system affiliation with COVID-19 capacity burden”, *Health Management, Policy, Innovation*, 2023
123. Frick KD, **Karaca-Mandic** P “[Mentoring for Healthcare-Oriented Faculty in Business Schools: An Eye toward Facilitating Success and Increasing Diversity](#)”, *Health Management, Policy, Innovation*, December 2021
124. Aghamolla C, **Karaca-Mandic** P, Li X, Thakor R “Merchants of Death: The Effect of Credit Supply Shocks on Hospital Outcomes”, [NBER Working Paper 28709](#), April 2021, revised October 2023
  - Best paper award at the 12<sup>th</sup> Financial Markets Corporate Governance Conference, April 2022, Monash University
125. **Karaca-Mandic**, P “New Data, Dashboard Provide Information on COVID-19 Hospital Capacity”, STAT News, December 10, 2020, <https://www.statnews.com/2020/12/10/new-data-dashboard-provide-information-on-covid-19-hospital-capacity/>
126. Zhu Y, Everhart A, **Karaca-Mandic** P, and Sen S, "Using NLP to Extract Predicate History from Medical Device Approvals" (2020). ICIS 2020 Proceedings. 3. [https://aisel.aisnet.org/icis2020/is\\_health/is\\_health/3](https://aisel.aisnet.org/icis2020/is_health/is_health/3)
127. **Karaca-Mandic** P, Hedt S, “[Counties in the Inland Empire and Central Valley Report High and Rising COVID-19 Hospitalizations](#)”, The EVIDENCE BASE, July 17, 2020
128. **Karaca-Mandic** P, Goldman D, Hedt S, “[Orange County COVID-19 Hospitalizations Up 130% Since June 1](#)”, The EVIDENCE BASE, July 16, 2020
129. Hedt S, **Karaca-Mandic** P “[L.A. County Coronavirus Hospitalizations Trending Down; Other Urban California Counties Show Mixed Progress](#)”, The EVIDENCE BASE, June 3, 2020
130. Goldman D, **Karaca-Mandic** P, Hedt S, “[Should We Open California Beaches? Coronavirus Trends Vary by County](#)”, The EVIDENCE BASE, April 29, 2020
131. **Karaca-Mandic** P, Hall R, Choyke K. “Key lessons from a Minnesota multi-stakeholder opioid policy forum” *Health Management, Policy, Innovation*, May 2020
132. **Karaca-Mandic** P, Georgiou A, Sen S., Zhu Y, Everhart A. Vu, K “Early Insights from the University of Minnesota’s COVID-19 Hospitalization Tracking Dashboard” *Health Management, Policy, Innovation*, April 13, 2020
133. PRISM Team (Co-PIs Steve Johnson and Pinar **Karaca-Mandic**) & MedStar Health Team (Co-PIs Deliya B. Wesley and Raj M. Ratwani), “PRISM (PROMIS Reporting and Insight System from Minnesota) Final Report”, Prepared for the Agency for Healthcare Research and Quality, Final Report for the Completion of the AHRQ Step Up App Challenge, April 20, 2020
134. MedStar Health Team (Co-PIs Deliya B. Wesley and Raj M. Ratwani) & PRISM Team (Co-PIs Steve Johnson and Pinar **Karaca-Mandic**), “Advancing the Collection and Use of Patient-Reported

Outcomes through Health Information Technology”, Prepared for the Agency for Healthcare Research and Quality PRISM Phase 2 Pilot Test Report, April 20, 2020

135. [“Peek Behind the paper: cheaper but challenging biosimilars”](#) The Evidence Base, April 21, 2020. Featured interview with Pinar Karaca-Mandic on her research on biosimilar drugs
136. **Karaca-Mandic P**, Georgiou A, Sen S. “Calling All States To Report Standardized Information On COVID-19 Hospitalizations” *Health Affairs Blog*, April 7, 2020
137. **Karaca-Mandic P**, Abraham J, Simon K, Feldman R. “Going into the Affordable Care Act: Measuring the Size, Structure and Performance of the Individual and Small Group Markets for Health Insurance.” In: Aizborbe A Baker C, Berndt E, Cutler D. (eds.) *Modeling and Measuring Healthcare Costs*. Chicago, IL: University of Chicago Press, University of Chicago Press, 2018
138. **Karaca-Mandic P**, Meara E, Morden Nancy E. “The growing problem of co-treatment with opioids and benzodiazepines: A Powerful example of potentially dangerous low value care”, *BMJ* 2017; 356
139. Sacks D, [Vu K](#), [Huang T-Y](#), Karaca-Mandic P. “How do insurance firms respond to financial risk sharing regulations? Evidence from the Affordable Care Act”, NBER working paper 24129, December 2017, revised July 2019
140. [Bairoliya N](#), **Karaca-Mandic P**, McCullough J, Petrin A. “Consumer Learning, Product Differentiation and the Value of Generic Pharmaceutical Entry”, NBER working paper 23662, August 2017
141. Dowd B, Feldman R, **Karaca-Mandic P**. “Haste in Jettisoning Obamacare will invite chaos”, *Star Tribune*, commentary, November 16, 2016
142. Abraham J, **Karaca-Mandic P**, [Choi S](#). “The ABC's of Children's Health: Potential Impact of the Patient Protection and Affordable Care Act.” In: Reynolds AJ, Rolnick AJ (eds.) *Health and Education in Early Childhood: Predictors, Interventions, and Policies*. Cambridge University Press, 2015, pp. 327-345
143. Abraham J, **Karaca-Mandic P**. “The Performance of Private Health Insurers in the Commercial Market.” In: Culyer C. (ed.) *The Encyclopedia of Health Economics*. Elsevier, 2014
144. “Access and Outcomes.” — An Editorial and Interview with Pinar **Karaca-Mandic** on her work exploring the relationship between medical technology and physicians, particularly the analysis of physician competition – featured in *International Innovation, The Mechanics of Health*, July 2013
145. **Karaca-Mandic P**, Abraham J. “Using Data From the National Association of Insurance Commissioners For Health Reform Evaluation.” *State Health Reform Assistance Issue Brief*. July 2013
146. **Karaca-Mandic P**, [Lee J](#). “Trucks and SUVs in the Twin Cities Metro Area: How Dangerous Are They?” Center for Urban and Regional Affairs (CURA). University of Minnesota, Spring 2012
147. Kamar E, **Karaca-Mandic P**, Talley E. “Sarbanes-Oxley and Small Firms: What is the Evidence?” In: Gates SM, Leuschner K. (eds.) *In the Name of Entrepreneurship?: The Logic and Effects of Special Regulatory Treatment for Small Business*. DRR-4152-ICJ, 2007
148. Gates S. Kapur K, **Karaca-Mandic P**. “State Health Insurance Mandates, Consumer Directed Health Plans and Health Savings Accounts: Are They a Panacea for Small Businesses?” In: Gates SM, Leuschner K. (eds.) *In the Name of Entrepreneurship?: The Logic and Effects of Special Regulatory Treatment for Small Business*. DRR-4152-ICJ, 2007

## HONORS AND AWARDS

- MN DEED, LaunchMN SBIR/STTR Matching Grant, \$42,974 12/2024  
**XanthosHealth** (role: Co-Founder, CEO)
- National CancerX Accelerator Cohort (competitive selection) 04-08/2024  
**XanthosHealth** (role: Co-Founder, CEO)
- MN DEED LaunchMN Business Innovation Grant, \$21,000 03/2024  
**XanthosHealth** (role: Co-Founder, CEO)
- Minnesota Cup Division Winner, Impact Ventures, \$25,000 09/2023  
**XanthosHealth** (role: Co-Founder, CEO)
- Mayo Clinic Social Innovation Grant Finalist 09/2023  
**XanthosHealth** (role: Co-Founder, CEO)
- Optum Cup Semifinalist 09/2023  
**XanthosHealth** (role: Co-Founder, CEO)
- BETA MN Accelerator Cohort 06/2023  
**XanthosHealth** (role: Co-Founder, CEO)
- Silver Stevie Award, Startup of the Year, Consumer Services Industries, 06/2023  
21<sup>st</sup> Annual American Business Awards, **XanthosHealth** (role: Co-Founder, CEO)
- Bronze Stevie Award, Conferences, 21<sup>st</sup> Annual American 06/2023  
Business Awards, **Convene Conference** (role: Co-Founder, Organizer)
- University of Minnesota Distinguished McKnight University Professor 03/2023
- Early Innovation Fund Award, University of Minnesota 01/2023  
Office of Technology Commercialization - (with Soumya Sen and Yi Zhu;  
ML-based decision support system for analyzing medical device history and recalls
- MVP Challenge, Minnesota Innovation Corps, University of Minnesota 01/2023  
Office of Technology Commercialization - (with Soumya Sen and Yi Zhu;  
ML-based decision support system for analyzing medical device history and recalls
- Diversity, Equity and Inclusion Science Award, Institute for Health Informatics 12/2022  
University of Minnesota, Office of Academic Clinical Affairs
- Innovation Impact Case Award Honorable Mention, Office of the Vice 04/2022  
President for Research University of Minnesota, **University of Minnesota  
COVID-19 Hospitalization Tracking Project** (role: Co-Founder, Co-Lead of the project)
- MN DEED, LaunchMN SBIR/STTR Matching Grant, \$27,999 03/2022  
**XanthosHealth** (role: Co-Founder, CEO)
- WITS/INFORMS Design Science Award, **University of Minnesota COVID-19** 12/2021  
**Hospitalization Tracking Project** (role: Co-Founder, Co-Lead of the project)
- Women's Health Leadership TRUST Award in Community Engagement 07/2021  
(Recognizing my leadership of the COVID-19 Hospitalization Tracking Project)
- Silver Stevie Award, Most-Valuable Non-Profit Response, 19<sup>th</sup> Annual American 04/2021  
Business Awards, **University of Minnesota COVID-19 Hospitalization Tracking  
Project** (role: Co-Founder, Co-Lead of the project)
- Silver Stevie Award, Most-Valuable Service, 19<sup>th</sup> Annual American 04/2021  
Business Awards, **University of Minnesota COVID-19 Hospitalization Tracking  
Project** (role: Co-Founder, Co-Lead of the project)
- Innovation that Inspires Award, Association to Advance Collegiate Schools of 04/2021  
Business (AACSB) for **University of Minnesota COVID-19 Hospitalization Tracking  
Project** (role: Co-Founder, Co-Lead of the project)
- Finalist, Digital Media Award, National Institute for Health Care Management 03/2021

Foundation (with co-authors Archelle Georgiou and Soumya Sen), **University of Minnesota COVID-19 Hospitalization Tracking Project**

- Carlson School of Management Award for Excellence in Research 10/2020
- 2<sup>nd</sup> place (out of 18 teams), American Medical Informatics Association App Contest, Co-Principal Investigator **Team PRISM: Patient Reporting and Insight System from Minnesota** (role: Co-Founder, Co-PI) 11/2019
- Recognition of the Medical Industry Leadership Institute (MILI): 2019 Innovations that Inspire award winner by the Association to Advance Collegiate Schools of Business (role: MILI Academic Director) 04/2019
- Nationwide grand prize winner, Step-Up App Challenge, Agency for Healthcare Research and Quality, **Team PRISM: Patient Reporting and Insight System from Minnesota**. \$75,000 (role: Co-Founder, Co-PI) 03/2019
- Step-Up App Challenge Top 10 finalist, Agency for Healthcare Research and Quality, **Team PRISM: Patient Reporting and Insight System from Minnesota**. \$12,000 (role: Co-Founder, Co-PI) 10/2018
- New opportunities to improve outcomes (NOTIO) award for **Team PRISM**, University of Minnesota Medical School, \$30,000 11/2018
- “Top-ten articles for 2018” recognition by the Health Affairs Editor-in-Chief, Alan Weil, for Gollust S, Wilcock A, Baum L, Barry C, Niederdeppe J, Franklin Fowler E, **Karaca-Mandic P**. “TV Advertising Volumes Were Associated with Individuals’ Health Insurance Marketplace Shopping and Enrollment Behaviors in 2014”, *Health Affairs* 37 (6), 2018
- 1<sup>st</sup> Place in Graduate Division, Faculty Advisor to Student Data Science Team from University of Minnesota (interdisciplinary team of School of Public Health and Carlson School of Management), MinneMudac, Minneanalytics, 11/2017
- Recognition of the Medical Industry Leadership Institute (MILI): Medical Industry Valuation Lab awarded 2017 Innovator Award by the MBA Roundtable (role: MILI Academic Director) 10/2017
- Research Associate, National Bureau of Economic Research, Health Economics Program and Health Care Program 2014-present
- Faculty Research Fellow, National Bureau of Economic Research 2011-2014
- Selected Faculty Member, Delta Omega, Honorary Society in Public Health 2011-present
- National Institutes of Health Mentored Career Grant (NIA) 2010-2015
- The Top 10 Corporate and Securities Articles of 2009 recognition by *Corporate Practice Commentator*, *Vanderbilt University* for “Going-Private Decisions and The Sarbanes-Oxley Act of 2002”  
(Teachers in corporate securities law were asked to select the best corporate and securities articles from a list of articles published and indexed in legal journals in 2009. More than 500 articles were on the list).
- Academic Health Center, Faculty Development Grant, University of Minnesota 2010-2012
- Academic Progress Award, Graduate Division, UC Berkeley Spring 2003
- Dean’s Normative Time Fellowship, Graduate Division, UC Berkeley Fall 2002
- Continuing Student Fellowship, Department of Economics, UC Berkeley 2001
- Summer Fellowship, Graduate Division, UC Berkeley 2001
- Olin Foundation Research Assistantship 2000-2002
- Summer Workshop Award, Social Science Research Council Summer 1999
- First Year Fellowship, Department of Economics, UC Berkeley 1998-1999

- High Honors, Swarthmore College Honors Program 1998
- Adams Prize for the Best Empirical Economics Paper, Swarthmore College 1998
- Selected Member, Society of Industrial and Applied Mathematics (SIAM) 1997
- Selected Member, Sigma Xi Honorary Scientific Society 1996-1998
- Summer Undergraduate Research Fellow, California Institute of Technology 1996

## RESEARCH GRANTS AWARDED

- Co-Investigator, “Insulin Affordability: Unpacking the Impact of the Inflation Reduction Act on Diabetes Outcomes and Equity in Medicare”, NIH, 01/01/2025-01/01/2030, ~ \$2M prime awardee: Yale University. (MPIs Kasia Lipska and Rozalina McCoy)
- Co-Investigator, Co-Founder and CEO of XanthosHealth “ConnectedNest: a digital platform connecting individuals with cancer to social care”, National Institutes of Health, National Cancer Institute, Prime Awardee: XanthosHealth, \$1,880,487, 09/20/2024-08/31/2026 (PI: David Haynes).
- Principal Investigator, “Rapid learning during a public health emergency: COVID-19 related medication treatment patterns in Medicare”, from the Agency for Healthcare Research and Quality (AHRQ), \$1,565,000, 07/01/2023-06/30/2027
- Co-Principal Investigator, “ConnectedNest (XanthosHealth)- Demonstration in an Oncology Patient Population” (University of Minnesota Clinical and Translational Science Institute, Translational Product Development Fund Program Award), \$400,630, 06/01/2023-05/31/2025 (PI: David Haynes)
- Principal Investigator, “Designing and evaluating a financial innovation for investments in social influencers of health to close gaps in racial justice and health equity” (Co-PI Rahul Koranne), from the Robert Wood Johnson Foundation, \$499,900 11/15/2021-11/14/2024
- Co-Principal Investigator, “Smart Community Health V2” from the Minnesota Partnership for Biotechnology and Medical Genomics (University of Minnesota Clinical and Translational Science Institute, Translational Product Development Fund Program Award), \$130,000, 07/01/2021-12/31/2022 (PI: David Haynes)
- Co-Investigator, Co-Founder and CEO of XanthosHealth “Software to Address Social Determinants of Health in Oncology Clinics” from the National Institutes of Health, National Cancer Institute, Small Business Innovation Research Phase I contract to XanthosHealth, LLC, \$400,000, 09/16/2021-06/15/2022 (PI: Julia Halberg)
- Principal Investigator, “Using Natural Language Processing to Extract Predictors of Medicare Device Adverse Events”, from University of Minnesota Office of Academic Clinical Affairs, BOLD Ideas, \$30,000, 02/02/2020-01/08/2020
- Co-Principal Investigator, “Competitive Dynamics of Physician Referrals in the Era of Accountable Care Organizations” (PI: Russell Funk), from National Institute for Health Care Management, \$51,000, 01/01/2020-06/30/2021
- Investigator, “Toward Pharmacogenomics-Enabled Healthcare at Statewide Scale: Implementing Precision Medicine” (Co-PIs: Pamala Jacobson, Constantin Aliferis, Susan Wolf, Catherine McCarthy), from University of Minnesota Grand Challenges, \$325,000, 01/01/2019-12/31/2020
- Investigator, “Classifying and Comparing Diagnostic Strategies for Dizziness with a Claims-Based Analysis” (PIs: Meredith Adams), from National Institutes of Health, \$100,000, 04/01/2018-03/31/2020.
- Principal Investigator, “Biosimilars: Policy, Insurance and Implications for Cancer Patients”, from American Cancer Society, \$756,000, 01/01/2018-12/31/2021.
- Principal Investigator, “Medical Reversals: De-implementing ineffective and unsafe treatments” from Agency for Healthcare Research and Quality, \$1,600,000, 09/30/2017-08/31/2021.



- Principal Investigator, “Diffusion of Clinical Evidence into Practice: Physician Networks, Delivery Organizations and Markets,” from National Institutes of Health, National Heart, Lung, and Blood Institute, \$633,737, 09/16/2016-08/31/2019.
- Investigator, “PRescribing INterventions for Chronic pain via the Electronic medical record (PRINCE)” (PI: Ezra Golberstein), from National Institutes of Health, National Institute on Drug Abuse, 10/01/2017-09/30/2022
- Investigator, “A Contemporary, Retrospective Medicare Analysis of Peripheral Artery Disease Patients at Risk for MACE and MALE,” (PI; Alan Hirsch), from Merck, 02/2016-02/2017.
- Investigator, “Geographic Variation in ACA-Related Media Messages and Health Insurance Enrollment” (PI: Sarah Gollust), from the Robert Wood Johnson Foundation, \$200,000, 10/2014-03/2016.
- Investigator, Principal Investigator of the sub-contract, “Market and Organization Impact on Medical Technology Diffusion: Outcomes and Value” (with Peter Groenevald, PI), from the Agency for Healthcare Research and Quality, 09/2014-09/2018.
- Co-Principal Investigator, “The Impact of a Customized Price Transparency Tool on Consumer Behavior” (with Allison Cuellar, Co-PI), from the Robert Wood Johnson Foundation, \$200,000, 12/1/2013-12/1/2015.
- Investigator, Principal Investigator of the sub-contract, “Impact of State Rate Review Regulation on Health Insurance Premiums” (with Richard M. Scheffler, PI), from Robert Wood Johnson Foundation, \$200,000, 4/1/2012-4/1/2014.
- Investigator, “Evaluating the Short-Run Impact of Medical Loss Ratio Regulation on the Individual and Small Group Markets”(with Lynn Blewett, Jean Abraham, Kosali Simon), Robert Wood Johnson Foundation, 4/1/2012-4/1/2014.
- Principal Investigator, “Physician Level Analysis of Medical Technology Diffusion.”, from the National Institutes of Health, National Institute of Aging (KO1 Career grant for 5 years, priority score 14), \$629,000, 9/31/2010-9/31/2015.
- Investigator, “Regulating the Ratio: Analyzing the Potential Impact of Medical Loss Ratio Regulation on the Individual Market for Health Insurance.” (with Jean Abraham, PI), from the Changes in Health Care Financing and Organization, Robert Wood Johnson Foundation, \$46,873, 9/1/2010-1/31/2011.
- Principal Investigator, “Impact of family health care financial burden on health care access and utilization of children” (with Peter Scal), from the Department of Health and Human Services Health Resources and Services Administration, Maternal and Child Health Research Program, \$100,000, 02/2010-02/2011.
- Principal Investigator, “Understanding Geographic Variation in Medicare Part D: Effects of Plan Design on Utilization and Expenditures,” (with Jean Abraham and Richard Cline), from the Academic Health Center, University of Minnesota, \$200,000, 01/2010- 01/2012.
- Principal Investigator, “The Role of Agents and Brokers in the Market for Health Insurance – Do They Help or Hinder Small Employers?” (with Roger Feldman), from the Agency for Health Care Research and Quality (application scored at top 3%), \$100,000, 10/2009-10/2010.
- Investigator, Principal Investigator of the subcontract, “Private Insurance and Prescription Drug Adherence of Children,” (with Dana Goldman, PI), from the National Institute of Child Health and Human Development, \$200,000, 06/2009-05/2011.
- Principal Investigator, “Hospital Costs of SUVs, Light and Heavy Trucks to Themselves and to Others,” from the Center for Urban and Regional Affairs, University of Minnesota, \$40,000, 10/2009-10/2010.

- Co-Principal Investigator, “Does Ownership Matter in the Selection of Nursing Homes? Evidence from Consumer Surveys,” (with Avner Ben-Ner, Co-PI), from the Medical Industry Leadership Institute, University of Minnesota, \$30,000, 06/2008-06/2009.
- Principal Investigator, “Fatality and Injury Externality of Driving,” from the University of Minnesota Faculty Grant-in-Aid, \$25,589, 07/2008-07/2009.
- Co-Principal Investigator, “Peer Groups and Employment Outcomes of Young Adults,” (with Nicole Maestas, PI), from the National Institute of Child Health and Human Development (application scored at top 0.6%), \$200,000, 07/2007-07/2009.
- Principal Investigator, “Analysis of Graduated Driver Licensing: Lower Risk Exposure or Better Driving,” (with Greg Ridgeway), from the National Institute of Child Health and Human Development (application scored at top 3%), \$185,000, 05/2006-04/2009.
- Principal Investigator, “The Value of Pharmaceutical Innovations for the Elderly: The Case of Antidepressants,” from the Roybal Center for Health Policy Simulation funded by the National Institute of Aging, \$50,000, 01/2006-09/2007
- Co-Investigator, “Cost-Sharing Trends for Specialty Drugs and Their Association with Medical Service Use,” from Amgen Inc., \$300,000, 08/2006-07/2007
- Principal Investigator, “Sarbanes-Oxley and Small Business: What is the Evidence?”, Kauffman Center for the Study of Small Business and Regulation funded by the Kauffman Foundation, \$60,000, 01/2006-10/2006
- Co-Principal Investigator, “Peer Group Effects in Employment,” (with Nicole Maestas), from the RAND Population Research Center, \$30,000, 01/2006-01/2007
- Co-Principal Investigator, “Consumer Directed Health Plans and Health Savings Accounts: A Panacea for Small Business?” (with Kanika Kapur and Susan Gates), from the Kauffman Center for the Study of Small Business and Regulation funded by the Kauffman Foundation, \$107,000, 01/2006-09/2006
- Co-Investigator, “Decision Making on Medicare Part D Prescription Drug Program,” (with Arie Kapteyn, Michael Hurd, Susanne Rohwedder, Arthur Van Soest, Dana Goldman, Geoffrey Joyce), from the National Institute of Aging, \$200,000, 05/2004-04/2009.
- Co-Investigator, “Review of Military Health Benefit Design,” (with Sue Hosek, Dana Goldman and Emmett Keeler), from the Department of Defense, \$700,000, 07/2005-09/2006
- Co-Investigator, “Effects of Health Care Mandates and Health Insurance Costs on Small Business,” (with Kanika Kapur and Susan Gates), from the Kauffman Center for the Study of Small Business and Regulation funded by the Kauffman Foundation. \$128,000, 11/2004-10/2006
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## **SELECTED CONFERENCE AND EVENT ORGANIZATIONS**

### **CONVENE Conference** – (Annual)

**Founded the conference in 2018; Lead organizer since 2018**

The Carlson School's Convene Conference is a thought-leadership conference focused on the intersection of healthcare, technology, and data analytics as major solutions to healthcare issues. The annual conference brings together leaders from the provider, payer, technology and regulatory sectors who address how innovations can transform access, quality, and health equity. The conference is hosted by the Business Advancement Center for Health since January 2022, and priorly by the Medical Industry Leadership Institute (September 2017-December 2021). Conference themes for each year were:

- Responsible AI: High Impact, Low Risk Healthcare, April 9, 2025 (190 in-person registrants)
- Building the Vision for SmartTech for Health, April 2024 (140 in-person, 115 virtual registrants)
- Data, Technology, & Connectedness in Health, April 2023 (140 in-person, 271 virtual registrants)
- Consumerization of Healthcare & Digital Health, April 2022 (429 registrants, virtual)
- Health Equity: The “Hill we Climb”, April 2021 (238 registrants, virtual)
- ROI of AI, September 2019 (206 registrants, in-person)
- Advanced Analytics and Reimbursement, September 2018, (190 registrants, in-person)

#### **University of Minnesota Interdisciplinary Health Data Competition** – (Annual)

**Founded the competition** in 2020; **Lead organizer** since 2020

The University of Minnesota Interdisciplinary Health Data Competition began in 2020 to promote interdisciplinary collaboration on using data to address current healthcare challenges. In this competition, students complete an exploratory analysis of specified datasets to provide innovative solutions and insights using data science tools and methodologies. This event encourages graduate students across all disciplines at the University of Minnesota to practice, enhance, and showcase their understanding of real-world healthcare problems and their abilities to solve them with innovative use of data science.

This competition is led by the Business Advancement Center for Health (BACH) in collaboration with the Carlson School of Management, College of Pharmacy, Institute for Health Informatics, Medical School, School of Dentistry, School of Nursing, and School of Public Health. The competition is part of the 1Health interprofessional education curriculum at the University of Minnesota. Annual themes below:

- Healthcare Provider Deep Dive: Connecting Quality, Payment and Social Context (March 2025, 70 students; 18 interdisciplinary teams from 13 colleges/schools, 23 faculty, industry and community judges)
- A Comprehensive Look at Minnesota healthcare utilization and spending trends (March 2024) – 62 students; 17 interdisciplinary teams from 10 colleges/schools; 23 faculty, industry and community judges
- Value, Quality & Disparities in Care (March 2023) – 74 students; 22 interdisciplinary teams from 13 colleges/schools; 25 faculty, industry and community judges
- Patient experience in a hospital setting (March 2022) – 75 students; 19 interdisciplinary teams from 9 colleges/schools; 21 faculty, industry and community judges
- Health disparities and community impact of COVID-19 (March 2021) - 94 students; 24 interdisciplinary teams from 12 colleges/schools; 21 faculty, industry and community judges
- Innovative insights in prescription drug use (March 2020) 66 students, 16 interdisciplinary teams from 10 colleges/schools

#### **Health Sector Leaders Consortium** – (Annual)

**Founded the consortium** in 2022; **Lead organizer** since 2022

This event brings together industry leaders who are disrupting the status quo of business in healthcare who discuss how industry trends, innovation, and cross-sector engagement are driving solutions to address value, access, and health equity.

## **OTHER ACADEMIC/INDUSTRY/COMMUNITY EVENTS ORGANIZED/HOSTED/MODERATED**

**Business Advancement Center for Health (BACH) Healthcare Pop-up Seminars** (ongoing since 2022)  
BACH regularly features recent graduates, current doctoral students, and faculty as they present their research in healthcare. This series encourages students, faculty, and industry experts to share insights and feedback on up and coming work.

**LLMs as Bridges: Connecting Healthcare Data, Policy, and Operations in the AI Era**, featuring Yubin Park, PhD of mimilabs (joint with Data Science Initiative), February 2025

### **AI in Healthcare Forum** (*July 2024*)

Organized and hosted by HealthcareMN, University of St Thomas,  
Invited Session Lead for AI in Clinical Care

### **A Conversation on Social Drivers of Health** (*May 2023*)

This dialogue convened colleagues from the University of Minnesota, as well as stakeholders from the health insurance, healthcare provider, state, policy, non-profits and community-based organizations. In addition to presenting the University of Minnesota led research project on a financial innovation to address sustainable funding for social drivers of health initiatives, the forum featured innovative partnership and funding models from the Greater Minnesota Housing Fund and the Green and Healthy Homes Initiatives.

### **Empowering Healthcare Researchers with Data Featuring MN Community Measurement** (*November 2022*)

Healthcare data is abundant but accessing this information can be challenging for researchers. MN Community Measurement (MNCM) is a nonprofit organization that plays an important role in Minnesota as a trusted source of information on health care quality, cost, and equity.

### **340B Program Perspectives: Insight on Current Contract Pharmacy Issues** (*May 2022*)

This panel reviewed recent legal and policy questions under discussion in the Courts and Congress and examined how stakeholders are responding to the ever-evolving 340B program landscape.

### **The Vision for Medicare on The Post-Pandemic Era Featuring Dr. Meena Seshamani, Director, Center for Medicare** (*December 2021*)

Dr. Meena Seshamani shared her vision for the future of Medicare, and the challenges and opportunities the industry faces in the post-pandemic era of health.

### **The Landscape of Nonprofit Health Plans in Minnesota** (*November 2021*)

Several non-profit health plan leadership discussed the landscape of nonprofit health plans in Minnesota, the impact of nonprofit health plans, industry trends, and the employment outlook.

### **The Changing Market of Biosimilars** (*October 2021*)

Biologics have revolutionized the treatment of care, but often at high prices. This panel discussion introduced the biosimilars landscape and discussed coverage and pricing of biosimilars, provider-level factors influencing uptake, legislative challenges, and manufacturer perspectives.

### **The Current State & Future of Telemedicine** (*November 2020*)

Panelists discussed the current state and future of the rapidly evolving telemedicine and digital health industry.

### **Diversity and Inclusion In Medical Technology Innovation** *(November 6, 2020)*

Panelists discussed how to overcome barriers for entering the healthcare industry and encourage innovation within underrepresented groups in order to diversify the pool of innovators.

### **A Critical Collaboration Between a Pharmacy Benefit Manager & Health Plan During Covid-19 Pandemic** *(October 2020)*

During the COVID-19 pandemic, changes to legislative mandates required pharmacy benefit managers and payers to change how they manage pharmaceutical claims. The panelists shared how their organizations worked together to make decisions on utilization management and adapted to emerging clinical evidence and regulatory guidance.

### **Covid-19 Analytics Symposium** *(October 2020)*

A panel of faculty researchers from multiple disciplines shared their work related to COVID-19 including the COVID-19 Hospitalization Tracking Project; social determinants of health and resilience in communities during COVID-19; disparities and continuity of care during COVID-19; the impact of COVID-19 on cancer patients and oncology physicians; and removing bias from ML algorithms to ensure proper medical attention and care for all during COVID-19.

### **The ROI of Investing in Social Determinants of Health** *(September 2020)*

This event explored how business investments in the drivers of social determinants of health can lead to reductions in overall health care costs, and discussed how research and programs can target consumer health behavior and outcomes.

### **The Coventor: Its Development, Implications, & Lessons Learned** *(August 2020)*

The leaders of the Coventor team shared the story of the Coventor's development, discussed key factors to its success, examine implications moving forward, and reflected on the lessons learned.

### **Future of healthcare: what will it look like, who will lead innovation** *(May 2020)*

Panelists representing academic, payer, provider and non-profit organizations discussed their efforts responding to the pandemic and how the pandemic changed the healthcare system and its vulnerabilities.

### **The Social and Business Value of Measuring and Investing in Social Determinant of Health** *(April 2020)*

Industry experts from several payer and provider organizations examined unique best practices and discussed the social & business value of measuring and addressing social determinants of health.

### **The Constitutionality of the ACA: Current Status, Implications, and Next Steps** *(March 2020)*

This event featured constitutional issues, implications and potential resolutions raised by the federal district court decision that the minimum essential coverage provision of the Affordable Care Act was unconstitutional.

### **Combatting Minnesota's Opioid Epidemic** *(October 2019)*

This forum included federal and state policy makers; local, tribal, state health department and judicial representatives; state legislators, healthcare and payer systems; and recovery organizations.

## **SELECTED MENTIONS AND ACKNOWLEDGEMENTS**

[\*"Private Equity In Medicine Helping Hand Or Iron Fist?"\*](#), by Suzy Frisch 09/10/2024

For a full list of media mentions to the COVID-19 Hospitalization Project related work, please see project website: <https://carlsonschool.umn.edu/mili-misrc-covid19-tracking-project/press>

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*"Pennsylvania Hospitals Fill up as Cold Weather Sets in Amid a Rise in U.S. Hospitalizations", by Sophie Kasakove, New York Times, December 12, 2021*

*"Covid Crisis Threatens Holiday Season as U.S. Hospitals Overflow", by Jonathan Levin, David Welch, John Tozzi, Bloomberg, December 9, 2021*

*"Unvaccinated Americans Are Behind Rising Covid-19 Hospitalizations", by Melanie Evans and Julie Wernau, the Wall Street Journal, July 18, 2021*

*"University of Minnesota research finds COVID-19 hospitalizations increased after reopenings", by Jeremy Olson, Star Tribune, June 25, 2021*

*"Preparing Hospitals for the Next Pandemic", by Regina Herzlinger and Barak Richman, Harvard Business Review, June 10, 2021*

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*"Artificial Intelligence Is Predicting Future COVID-19 Strains, Developing Treatments", by Andy Hirschfeld, Observer, March 16, 2021*

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*"Here's How Full Hospitals in Minnesota Are", by Rebecca Collett, Patch, December 31, 2020*

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*"Is Your Local Hospital Overwhelmed with COVID-19 Patients? This is How You Find Out", by Elizabeth Gomez-Patino, KVEO Valley Central.com, December 29, 2020*

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*"1 In 4 Ocean County Hospital Beds Occupied by COVID Patients", by Karen Wall, Patch, December 18, 2020*

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"Opioid Unknowns: US Hospitals Vary Nearly Twofold in Opioid Prescribing Rates," Medical Xpress, News Medical, June 13, 2015

"Minnesota and Berkeley Study Shows State-level Prior Approval Authority over Individual Market Health Insurance Rates Lowers Rate of Premiums' Increase," Association of Schools and Programs of Public Health, August 13, 2015

"Adverse Drug Side Effects Reporting is Slow – Then the Real Problem Starts," American Council on Science and Health, August 10, 2015

"Lax State Oversight Cited for Wide Variability in Premium Increases," by Bob Herman, Modern Healthcare, August 4, 2015

"Concerns Raised Regarding Delays in Mandatory Drug Death Reporting," by Carlos Harrison, Cancer Therapy Advisor, August 4, 2015

"Minnesota Study Finds Drug Manufacturers Delay Reporting Serious Adverse Events to the FDA", Association of Schools and Programs of Public Health, July 30, 2015

"Drug Companies Delay Reporting Potential Side Effects To FDA," by Guneet Bhatia, International Business Times, July 28, 2015

"Drug Makers May Delay Reporting Patient Harms to FDA: Study," by Dennis Thompson, HealthDay Reporter, U.S. News and World Report, July 27, 2015. Also featured at ABC 6 News.

"Drug Manufacturers Often Fail to Timely Report Adverse Effects of Medications," by Katherine Johnson, Eyewitness News, ABC/KSTP, July 27, 2015

"Drugmakers Often Lag in Reporting Patient "Adverse Events," Minnesota Researcher Says," by Jeremy Olson, Star Tribune, July 27, 2015

"Drug Companies Delayed Reporting to FDA," Minneapolis KARE-11, July 27, 2015



“Delays Found in Drugmakers Reporting of Serious Adverse Reactions,” Yahoo! News, July 27, 2015

“Some Serious Drug Side Effects Not Told to FDA within 15 Days,” by Lisa Rapaport, Reuters Health, July 27, 2015. Also featured at FOX News.

“Some Adverse Drug Events Not Reported by Manufacturers to FDA by 15-Day Mark,” Science Daily, July 27, 2015

“Study Says Drug Companies Often Do Not Report Serious Side Effects,” by Sylvia Fernandez, Pioneer News, July 27, 2015

“Reporting of Serious AEs to FDA Often Delayed by Drug Companies,” Healio, July 27, 2015

“Some Adverse Events Not Reported in Regulated Time Frame To FDA”, interview, medicalresearch.com, July 27, 2015

“Drug Companies Endanger Lives By Delaying Adverse Reports,” Newsmax, July 27, 2015

Read more: [Big Pharma Delays Bad News About Its Drugs](#)

“Companies Stall on Reporting Drug Deaths,” by Yael Waknine, Medscape Medical News, July 27, 2015

“Inhaler Ban Boosts Costs for People With Asthma,” by Kathryn Doyle, Reuters Health, May 11, 2015

“Environmental Concerns Led to Jump in Cost of Asthma Inhalers: Study,” by Dennis Thompson, US News & World Report, May 11, 2015

“Chlorofluorocarbon Ban Tied to Sharp Rise in Inhaler Cost,” Health Day News, May 11, 2015

“Environmentally Friendly Inhalers Double the Cost for People with Asthma,” by Jake Miller, Harvard Health Publications, May 11, 2015

“FDA Ban on CFCs in Asthma Inhalers Raised Costs for Patients, New Study Finds,” by Alexander Gaffney, Regulatory Affairs Professionals Society, May 11, 2015

“Hands Off Health Insurance: Could Looser Restrictions on Health Insurance Plan Offerings Reduce Premiums,” by Matthew Green, Chicago Policy Review, March 12, 2015

“Obamacare Premiums Higher In States With ‘Active Purchaser’ Exchanges.” Independent Institute, December 24, 2014

“Lowering Premiums; Basic Health Program Options; Slowdown in Medicare Spending,” Kaiser Health News: Research Roundup, December 19, 2014

“Vermont Halts Single-Payer Plan — DC Approves Contraception Measure — Tracking State-Run Enrollments,” Politico, December 18, 2014

“State-Based Marketplaces Using ‘Clearinghouse’ Plan Management Models Are Associated with Lower Premiums,” BenefitsLink, December 17, 2014

“State-Based Marketplaces Using ‘Clearinghouse’ Plan Management Models Are Associated with Lower Premiums,” NYMedicin, 2014

“Getting Opioid Painkillers from Multiple Doctors is Common among Medicare Patients, U of M Study Finds,” by Susan Perry, MinnPost February 24, 2014

“Opioid Prescribing by Multiple Providers Drives Up Patient Hospitalization Rate,” by Tracey Walker, Formulary Watch, February 24, 2014

“Multiple Prescribers for Opioids is Common in Medicare and Increases Patient Risks,” by Jake Miller, Harvard Medical School News, February 19, 2014



"Many U.S. Seniors Get Prescription Painkillers from Multiple Doctors," by Robert Preidt, U.S. News and World Report, HealthDay, February 19, 2014

"1 in 3 Medicare Patients Receive Painkillers from Multiple Doctors," FoxNews, February 21, 2014

"Many Seniors Get Painkillers from Multiple Doctors," by Pat Anson, American News Report, February 20, 2014

"Nearly 30 Percent of Medicare Beneficiaries Obtain Painkillers from Multiple Doctors," Nature World News, February 22, 2014

"Agent Competition Means Good News for Small Business," by Jacquelyn Connelly, Independent Agent Magazine, September 22, 2013

"Brokers Associated with More, Cheaper Health Coverage, Study Says," by Jay Hancock, The Kaiser Health News, The Washington Post, August 22, 2013

"Brokers Vital for Cheaper Health Coverage," by Kathryn Mayer, LifeHealthPro, August 23, 2013

"Brokers Lower Premiums and Increase Health Coverage, Study Finds," by Gillian Roberts, Employee Benefit Adviser, August 22, 2013

"Working with Insurance Brokers Could Lower Premiums, Study Says," by Dennis Domrzalski, Albuquerque Business First, August 22, 2013

"Better Health Coverage Can Save Money," The Associated Press, June 14, 2013. Also appeared in The San Francisco Chronicles.

"Research Roundup: Health Spending on Kids with Special Needs," Alvin Tran, Kaiser Health News, June 7, 2013

"Reports Highlight Impacts of Proposed Entitlement Changes, Reduced Health Care Spending", Kaiser Health News, June 6, 2013. Also appeared in Modern Healthcare, News Medical.

"Recession Forced Cutbacks in Care for Special Needs Kids," by Brenda Goodman, Health Day, June 5, 2013. Also appeared in US News & World Report.

"Spending for Special Needs Children Declined During Recession," Health Day, June 5, 2013. Also appeared in The Doctor's Lounge, HCP Live, Health Magazine, Pri Med.

"Reform Update: Great Recession Spawns Great Debate Over Health Spending," by Melanie Evans, Modern Healthcare, June 5, 2013

"Recession Saw Parents Cut Back on Care for Kids with Special Health Needs," The Robert Wood Johnson Foundation, June 5, 2013. Also appeared in Public Health News Roundup.

"Medical Costs for Children with Special Needs Declined In Recession," by Elizabeth Dunbar, Minnesota Public Radio, June 3, 2013

"Minnesotans' Health Spending Shifted in Recession; Kids' Special Needs Hardest Hit," by Christopher Snowbeck, The Twin Cities Pioneer Press, June 3, 2013 (front page article).

"Minnesota Finds Rising Out-of-Pocket Costs is Barrier to Health Care Access," ASPH Friday Letter, April 6, 2012

"Parents Forgo Treatment for Children when Out-of-Pocket Prices Rise," Advances from the School of Public Health, University of Minnesota, April 2, 2012

"Cost-sharing Affects Medication Use in Children with Asthma," medconnect.com.au, April 1, 2012

"Asthma Hospitalization Rates in Kids Boosted by High Copays," by Yael Waknine, Medscape Medical News, March 30, 2012

"Drug Cost-sharing Results in Reduced Use of Necessary Medications in Children with Asthma," PediatricSuperSite, March 29, 2012

"Greater Out-of-Pocket Asthma Medication Costs Associated with Frequent Hospitalizations among Children," news-medical.net, March 28, 2012

"Cost-sharing Affects Medication Use in Children with Asthma," medconnect.com.au, April 1, 2012

"Asthma Hospitalization Rates in Kids Boosted by High Copays," by Yael Waknine, Medscape Medical News, March 30, 2012

"Drug Cost-sharing Results in Reduced Use of Necessary Medications in Children with Asthma," PediatricSuperSite, March 29, 2012

"Study: Higher Insurance Co-pays May Have Serious Unintended Consequences for Children," by Stephanie O'Neill, 89.3 KPCC, March 28, 2012

"Medication Cost Sharing and Health Outcomes in Children with Asthma," Editorial by Wendy J. Ungar, Journal of the American Medical Association, March 28, 2012

"Co-pays May Affect which Kids Get Their Meds," by Genevra Pittman, Reuters Health, March 28, 2012

"Greater Medication Cost-Sharing Associated with Reduced Use of Asthma Medications by Children," news release by the Journal of the American Medical Association, March 27, 2012 ([http://www.digitalnewsrelease.com/?q=jama\\_3830](http://www.digitalnewsrelease.com/?q=jama_3830))

"High Co-Pays Linked to Increased Health Risks for Kids with Asthma," by Susan Perry, MinnPost, March 28, 2012

"Most Parents Don't Fill Their Kids' Asthma Meds – Study — Health Blog, Wall Street Journal, March 28, 2012

"High Out-of-Pocket Costs for Kid's Asthma Drugs Could Pose Dangers", U.S. News and World Report, March 27, 2012

"Study: Higher Co-Pays Cut into Medications for Kids with Asthma," by Elizabeth Dunbar, Minnesota Public Radio, March 27, 2012

"Study: Higher Out-of-Pocket Asthma Medicine Costs Lands More Children in Hospital," by Christopher Snowbeck, Pioneer Press, March 27, 2012

"Asthmatic Children Get Fewer Meds When Cost Hits Parents More," by Jeremy Olson, Star Tribune, March 27, 2012

"Study Says Kids Get Less Medicine when Costs Rise for Parents," Star Tribune, March 27, 2012

"High Co-Pays Linked to Increased Health Risks for Kids with Asthma," by Susan Perry, MinnPost, March 28, 2012

"Asthma Medication Sometimes Skipped Because of Cost," NewsChannel 9 WSYR, March 27, 2012

"Are Parents Price-sensitive about Their Children's Medication?" by Suzanne Wu, University of Southern California, March 27, 2012

"High Out-of-Pocket Costs for Kids' Asthma Drugs Could Pose Dangers," by Serena Gordon, reporter, HealthDay, March 27, 2012

“Cost Sharing Linked to Rise in Asthma Hospitalizations,” by Mary Ann Moon, Elsevier Global Medical News, March 27, 2012. Also appeared in Family Practice News Digital Network.

“Greater Medication Cost-Sharing Associated with Reduced Use of Asthma Medications by Children,” HealthNewsDigest.com, March 27, 2012

“Rheumatoid Arthritis Patients Medications becoming Too Costly to Use,” by Debbie Nicholson, posted at the examiner.com, associatedcontent.com, allvoices.com, May 23, 2010

“Out-of-Pocket Costs Limit Access to Arthritis Drugs,” Health Behavior News Service, by Carl Sherman, May 21, 2010. Also posted at the Bloomberg BusinessWeek, U.S. News and World Report, kktc.com, newswise.com, healthfinder.gov, news.yahoo.com, evergreenhospital.org, consumermedsafety.com, health.discovery.com, baptistregional.com, May 25, 2010, Medical News Today, May 23, 2010, and Science Magazine, April 18, 2011

“What’s Not to Like? Reform? Why Do We Need Health-Care Reform? Everything Is Just Fine the Way It Is,” by Jonathan Alter, Newsweek Web Exclusive, July 31, 2008

“Not-So-Free Ride,” by Stephen J. Dubner and Steven D. Levitt, The New York Times, April 20, 2008

“Five Years under the Thumb – Sarbanes-Oxley,” The Economist, July 26, 2007

“Beyond Insurance: Weighing the Benefits of Driving vs. the Total Costs of Driving,” by Hal R Varian, The New York Times, November 16, 2006

“The Brief Chill of Sarbanes-Oxley,” U.S. News & World Report, May 24, 2006

“GAO: Sarbanes-Oxley Costs are High,” Marcy Gordon, Associated Press Business Writer, BusinessWeek, May 8, 2006

## **SELECTED RESEARCH PRESENTATIONS**

(underlined authors were graduate student trainees and collaborators when the study initiated)

### **2025**

1. Women’s Health Focused Digital Health Applications and Business Models in the United States, presented at the “Advancing Infant, Child and Women’s Health with Digital Health Innovations in Turkiye Workshop”, Istanbul Technical University, Istanbul, Turkiye, July 5, 2025
2. A Deep Learning Approach for Predicting FDA 510(k) Medical Device Recalls Using Device Citation Relationships, SCECR 2025 (21st Annual Symposium on Statistical Challenges in eCommerece Research, Paphos, Cyprus, June 22-24, 2025 (co-author Soumya Sen presented)
3. Implementing a Cancer-Focused Community Resource Referral Platform, Masonic Cancer Center Research Symposium. University of Minnesota, April 22, 2025 (co-author and graduate student Eduardo Osegueda presented). Top 3 Abstract.
4. A mixed-method community pilot of a digital social care referral platform for individuals with cancer, SIREN 2025, National Research Meeting, Advancing the Science of Social Care, February 2-4. 2025 (co-author David Haynes presented)

### **2024**

1. The Effects of Financial Structures to Increase SDH Investments: A Simulation Approach (Fang F, Karaca-Mandic P, Thakor R)
  - Robert Wood Johnson Foundation Grantee Meeting, Dec 2024, Denver, Colorado
  - American Public Health Association (APHA) Annual Meeting, Oct 2024, Minneapolis (co-author R. Thakor presented)
2. ConnectedNest: A Digital Social Care Referral Platform

- Cancer Digital Health Startup Showcase, Annual CancerX Summit, U.S. Department of Health and Human Services, Washington DC, September 5, 2024 (joint presentation with David Haynes)
- SDOH Connections Workgroup, July 23, 2024 (co-author David Haynes presented)
- 3. Implementing a Cancer-Focused Community Resource Referral Platform
  - AcademyHealth's The Science of Dissemination and Implementation of Health Conference, Dec 8-11, Washington D.C. (co-author and graduate student Eduardo Osegueda presented, poster)
- 4. ConnectedNest: Connecting People with Cancer to Social Services, Results from a Pilot Study
  - Cancer Health Equity Network (CHEN) Meeting, August 16, 2024, (collaborators David Haynes, Eduardo Osegueda, Kris Newcomer, Clare Poulouse presented)
  - Masonic Cancer Center, University of Minnesota, Cancer Research Symposium. April 16, 2024 (Eduardo Osegueda, poster)
- 5. AI in Healthcare Forum, organized and hosted by HealthcareMN, University of St Thomas,
  - Invited Session Lead for AI in Clinical Care, July 11, 2024
- 6. Predicting Medical Device Recalls: An Evidence-Informed Deep Learning Approach Leveraging Regulatory Submission Characteristics (Zhu Y, Sen S, Everhart A, Karaca-Mandic, P)
  - DERESIST: 19<sup>th</sup> International Conference on Design Science Research in Information Systems and Technology, June 3-5, 2024, Trollhattan, Sweden (co-author Soumya Sen presented)
  - Design of Medical Devices Conference, April 2024, Minneapolis, MN (co-author Yi Zhu presented)
- 7. Late Adverse Event Reporting from Medical Device Manufacturers to the FDA (Everhart A, Karaca-Mandic P, Redberg R, Ross J, Dhruva, S)
  - AcademyHealth, June 29-July 2, 2024, Baltimore, D.C. (co-author A. Everhart presented)
  - ASHEcon, June 16-19, 2024 San Diego, CA (co-author A. Everhart presented)
- 8. Using Evidence to Inform Employer-Based Health Benefits Strategy, Cornell University SC Johnson College of Business Institute for Compensation Studies Executives Forum. May 29, 2024, joint presentation with, Jean Abraham
- 9. Redefining cancer care with a digital social care referral platform, connecting patients to real-time support services, Angel Foundation Board Meeting, February 26, 2024, Minneapolis, MN, joint presentation with David Haynes

## 2023

- 10. Humanizing Healthcare – Transforming a Transaction, Ignite Conference, Institute for Research in Marketing, Minneapolis, MN, November 2023
- 11. Predicting Medical Device Recalls: An Evidence-Informed Deep Learning Approach Leveraging Regulatory Submission Characteristics (Zhu Y, Sen S, Everhart A, Karaca-Mandic, P)
  - Workshop on Information Technologies and Systems (WITS). Hyderabad, India (co-author Yi Zhu presented)
  - INFORMS Healthcare, Toronto, Canada, July 2023 (co-author Yi Zhu presented)
  - CHITA 2023 (Conference on Health IT and Analytics, May 2023 (co-author Yi Zhu presented)
- 12. Panelist, Minnesota Community Measurement Annual Conference, Plenary Session: Addressing Social Risk Factors to Improve Health Outcomes and Health Equity, April 26, 2023
- 13. "Proposing an Innovative Bond to Increase Investments in Social Drivers of Health Interventions in Medicaid Managed Care"

- Association for Community Affiliated Plans, Social Determinants of Health Innovation Meeting, November 3, 2023
- RWJF Systems for Action All Grantee Meeting, September 27, 2023
- RWJF Systems for Action Research-in-Progress Webinar, April 19, 2023,
- Business School Alliance for Health Management (BAHM) Research Exchange
- 14. “Regulatory Submission Characteristics and Recalls of 510(k) Medical Devices”,
  - Design of Medical Devices Conference, Minneapolis, April 18, 2023
  - University of Wisconsin Business School, Department of Risk and Insurance, Madison, WI, January 2023
- 15. “Merchants of Death: The Effect of Credit Supply Shocks on Hospital Outcomes”,
  - Sabanci University, Department of Economics, Istanbul, Turkey, June 2023
  - Koc University, Department of Economics, Istanbul, Turkey, May 2023
  - American Economic Association Annual Meeting, New Orleans, LA, January 2023 (co-author Xuelin Li presented)

## 2022

1. “Regulatory Submission Characteristics and Recalls of 510(k) Medical Devices”
  - University of Southern California, Schaeffer Center, Los Angeles, CA, November 2022
  - University of Pennsylvania, Wharton School, Philadelphia, PA, November 2022
  - Swarthmore College, Swarthmore, PA, November 2022
2. “Value Based Payments: Policy & Practice”, presentation to a group of 20 United Kingdom based health technology company leaders, an event hosted by the Minnesota Department of Employment and Economic Development (DEED), Minnesota Trade Office, Medical Alley and ABHI International, October 2022
3. “Innovations & Research with Societal Impact on Health”, Carlson School of Management, Discovery Hour, September 2022
4. “Merchants of Death: The Effect of Credit Supply Shocks on Hospital Outcomes”, European Finance Association (EFA) Annual Meeting, Barcelona, Spain, August 2022 (co-author Xuelin Li presented)
5. “Connecting individuals with cancer to needed social and community services”, National Cancer Institute, Addressing Social Risks in Cancer Care Delivery Series, August 8, 2022 (co-authors David Haynes and Helen Parsons presented)
6. “Does 340B Program Participation Increase Reimbursement Rates Paid By Private Insurers?”
  - American Society of Health Economists (ASHEcon), June 2022 (co-author Jessica Chang presented)
  - Association for Public Policy Analysis and Management (APPAM), March 2022 (co-author Jessica Chang presented)
7. “Predicate Characteristics and Recalls of 510(k) Medical Devices”, AcademyHealth 2022 Annual Research Meeting, June 2022 (co-author Alex Everhart presented)
8. “Social Bonds as a Pooled Financing Mechanism to Address Social Drivers of Health Equity”
  - Andrew Van de Ven Engaged Scholarship Conference, Carlson School of Management, University of Minnesota, June 2-3, 2022
  - Robert Wood Johnson Foundation Systems for Action National Advisory Committee Meeting, April 13, 2022
  - Robert Wood Johnson Foundation Systems for Action Research in Progress Webinar, March 2, 2022
9. “University of Minnesota COVID-19 Hospitalization Tracking Project”
  - Alumni Board, Carlson School of Management, University of Minnesota, May 13, 2022 (scheduled)

- Board of Advisors Meeting, Carlson School of Management, University of Minnesota, April 7, 2022
- 10. “Learning from COVID-19 – the value of cross-sector collaboration to create high-quality datasets”, January 19, 2022

## 2021

1. “University of Minnesota COVID-19 Hospitalization Tracking Project”, Bill & Melinda Gates Foundation funded Wisdom Council, September 9, 2021
2. “University of Minnesota COVID-19 Hospitalization Tracking Project”, Universidad de los Andes, Colombia, September 9, 2021
3. “Merchants of Death: The Effect of Credit Supply Shocks on Hospital Outcomes” (co-author Richard Thakor presented)
  - NBER Summer Institute – Health Care Program, July 2021
  - Financial Intermediation Research Society (FIRS) Conference, June 2021
  - Society for Financial Studies (SFS) Cavalcade North America Conference, May 2021
  - University of Bath (AFL – QF & Fintech Research Seminar Series, June 2021)
  - University of Missouri, Columbia (Finance Seminar, March 2021)
  - Indian Institute of Management (IIM) Ahmedabad, Center for Management of Health Sciences (Virtual Healthcare Seminar, January 2021)
4. “University of Minnesota COVID-19 Hospitalization Tracking Project”, *Informa Healthcare*, July 2021
5. “Competitive Dynamics of Physician Referrals in the Era of Accountable Care Organizations” *Informa Healthcare*, July 2021 (co-author [Sohyun Park](#) presented)
6. “Frictions in Healthcare service Consumerism: Case Study on Infliximab”, ASHEcon 2021 (co-author [Jessica Chang](#) presented), June 2021
7. “Competitive Dynamics of Physician Referrals in the Era of Accountable Care Organizations”, ASHEcon 2021 (co-author [Sohyun Park](#) presented), June 2021
8. “University of Minnesota COVID-19 Hospitalization Tracking Project”, Health Law Institute, Minnesota CLE, June 15, 2021
9. Panelist, ISPOR, [Issue Panel](#): The Future and Evolution of Advanced Modeling Techniques to Support the Development of COVID-19 Mitigation and Prevention Policies, May 2021
10. Panelist, AcademyHealth, Health Economics Interest Group webinar on “Effectively Building and Managing Research Teams”, April 15, 2021
11. Panelist, SXSW, New Administration, New COVID-19 Federal Datasets, March 18, 2021
12. “University of Minnesota COVID-19 Hospitalization Tracking Project” University of Minnesota Day of Data 2021: Data Matters, January 13, 2021

## 2020

1. “Merchants of Death: The Effect of Credit Supply Shocks on Hospital Outcomes” (co-author Richard Thakor presented)
  - University of Wisconsin, Milwaukee (Finance Seminar, November 2020)
  - University of Minnesota (Finance Brown Bag, November 2020)
2. “University of Minnesota COVID-19 Hospitalization Tracking Project” University of Minnesota COVID-19 Analytics Symposium, October 7, 2020
3. “Physician Prescribing of Opioids: Horse race between Guidelines and Health PLAN Policies” ASHEcon Conference, St. Louis, MO, June 2020 ([Adeniyi Togun](#) presented)
4. “De-Adoption of Fluoroquinolone: Evaluation of Prescribing Trends after FDA Warns of Serious Nerve Damage Risk to Patients” ASHEcon conference, St. Louis, MO, June 2020 (Ashwini Sankar presented)

5. "De-Adoption of Fluoroquinolone: Evaluation of Prescribing Trends after FDA Warns of Serious Nerve Damage Risk to Patients" Academy Health conference, Boston, MA, June 2020 (Ashwini Sankar presented)
6. "Changes in Fluoroquinolone Prescribing after FDA Warns of Potentially Disabling Side Effects among commercially insured and Medicare Advantage populations" Academy Health conference, Boston, MA, June 2020 (Kristi Swanson presented)
7. "Uptake of Evidence By Physicians: De-Adoption of Erythropoiesis-Stimulating Agents after TREAT trial showed that they are ineffective and unsafe" ASHEcon conference, St. Louis, MO, June 2020 (Jiani Zhou presented)
8. "Provider variation in uptake of biosimilars: the case of filgrastim" Academy Health conference, Boston, MA, June 2020 (Jessica Chang presented)
9. "Biosimilar Market Entry and Site-of-Care: Prices and Inputs of Drug Administrations" Academy Health conference, Boston, MA, June 2020 (Jessica Chang presented)
10. "Changes in Fluoroquinolone Prescribing after FDA Warns of Potentially Disabling Side Effects: An Evaluation of the Effects of the 2016 FDA Warning" Academy Health conference, Boston, MA, June 2020 (Ashwini Sankar presented)
11. "Longitudinal Patterns in Testosterone Prescribing after FDA Warnings" Academy Health conference, Boston, MA, June 2020 (Ashwini Sankar presented)

## 2019

12. "Translation: Insight to Real Life Innovation", Panelist, Women Innovators Conference, University of Minnesota, Minneapolis, MN, November 13, 2019
13. "Medical Reversals: Understanding the process of de-adoption", Association for Public Policy Analysis & Management -APPAM, session on "Improving Value in Healthcare", Denver Colorado, November 7, 2019
14. "Combating Minnesota's Opioid Epidemic", Medical Industry Leadership Institute Policy Forum, Organizer, speaker, University of Minnesota, Carlson School of Management, Minneapolis, MN, October 24, 2019
15. "Managing Interdisciplinary Collaboration", SMS 2019 Extension: Strategy Research in the Healthcare Industry, Minneapolis, MN, October 18, 2019
16. "'Shocks' in health policy and practice as occasions to advance strategy research"- Panelist, SMS 2019 Extension: Strategy Research in the Healthcare Industry, Minneapolis, MN, October 18, 2019
17. "Convene Conference – ROI of AI", Medical Industry Leadership Institute Policy Forum, Organizer, speaker, University of Minnesota, Carlson School of Management, Minneapolis, MN, September 13, 2019
18. "Medical Reversals: Understanding the process of de-adoption", Indiana University, October 3, 2019
19. "Medical Reversals: Understanding the process of de-adoption", INFORMS Healthcare, Boston, MA, July 27-29, 2019
20. "De-adoption of therapies shown to be ineffective or have unsafe cardiovascular events: Do cardiologists respond faster?", International Health Economics Association World Congress, Basel Switzerland, July 13-17, 2019 (Co-author Jeffery M presented)
21. "Uptake of evidence by physicians: De-adoption of erythropoiesis-stimulating agents after TREAT trial showed they are ineffective and unsafe", International Health Economics Association World Congress, Basel Switzerland, July 13-17, 2019
22. "Changes in co-prescribing of prescription opioids and benzodiazepines following 2016 Centers for Disease Control and Prevention guidelines" Western Economics Association International



94th Annual Conference, San Francisco, CA, June 28 - July 2, 2019 (Co-author Jeffery M presented)

23. "De-Adoption of Therapies shown to be Ineffective or have Unsafe Cardiovascular Events: Do Cardiologists Respond Faster?", Western Economics Association International 94th Annual Conference, San Francisco, CA, June 28 - July 2, 2019 (Co-author Everhart A presented)
24. "Medical Reversals: Understanding the process of de-adoption" Imperial College London, London, UK, June 17, 2019
25. "Medical Reversals: Understanding the process of de-adoption" London School of Economics, London, UK, June 10, 2019
26. "Variations of De-Adoption Across Physicians and Which Physicians Respond Faster", Bates White Life Sciences Symposium, Washington D.C., May 20, 2019
27. "Medical Reversals: Understanding the process of de-adoption" HALICON, Eden Prairie, MN, March 29, 2019
28. "The Importance of Diverse Datasets" HALICON, Eden Prairie, MN, March 29, 2019
29. "Changes in co-prescribing of prescription opioids and benzodiazepines following 2016 Centers for Disease Control and Prevention guidelines" HALICON, Eden Prairie, MN, March 29, 2019 (Co-author Jeffery M presented)

## 2018

1. "The Effect of the Risk Corridors Program on Marketplace Premiums and Participation", with Sacks D, Vu K, Huang T-Y, Price School of Public Policy, University of Southern California, Los Angeles, CA, Feb 6, 2018
2. "The Effect of the Risk Corridors Program on Marketplace Premiums and Participation", with Sacks D, Vu K, Huang T-Y, Precision Health Economics, Los Angeles, CA, Feb 7, 2018
3. "Does vertical integration improve care coordination? Evidence from skilled nursing facilities", with Huckfeldt P, Gu J, Escarce J, Sood N, Strategic Management and Entrepreneurship, University of Minnesota Carlson School of Management, Minneapolis, MN, April 20, 2018
4. "Does vertical integration improve care coordination? Evidence from skilled nursing facilities", with Huckfeldt P, Gu J, Escarce J, Sood N, ASHEcon, Atlanta, GA, June 2018 (Co-author Huckfeldt P presented)
5. "Changes in co-prescribing of prescription opioids and benzodiazepines following 2016 Centers for Disease Control and Prevention guidelines", with Jeffery M, Hooten M, Jena A, Ross J, Shah N, ASHEcon, Atlanta, GA, June 2018 (Co-author Jeffery M presented)
6. "The Effect of the Risk Corridors Program on Marketplace Premiums and Participation", with Sacks D, Vu K, Huang T-Y, ASHEcon, Atlanta, GA, June 2018 (Co-author Sacks D presented)
7. "Physician Characteristics and De-Implementation of Ineffective or Unsafe Treatments", with Higuera L, Desai N, Dowd B, Everhart A, Herrin J, Jeffery M, Jena A, Ross J, Shah N, L Smith, A Spaulding, ASHEcon, Atlanta, GA, June 2018 (Co-author L Smith presented)
8. "Disparities in De-Adoption of Ineffective and Unsafe Treatments", with L Smith, Desai N, Dowd B, Everhart A, Herrin J, Higuera L, Jeffery M, Jena A, Ross J, Shah N, AcademyHealth Annual Research Meeting, Seattle, WA, June 2018 (Co-author L Smith presented)
9. "Changes in co-prescribing of prescription opioids and benzodiazepines following 2016 Centers for Disease Control and Prevention guidelines", with Jeffery M, Hooten M, Jena A, Ross J, Shah N, AcademyHealth Annual Research Meeting, Seattle, WA, June 2018 (Co-author Jeffery M presented)
10. "Factors Associated with Psychiatrist Opt-Out from U.S. Medicare", with Yu J, Jena A, E Golberstein, Academy Health Annual Research Meeting, Seattle, WA, June 2018 (Co-author E Golberstein presented)

11. "Disparities in De-Adoption of Ineffective and Unsafe Treatments", with L Smith, Desai N, Dowd B, Everhart A, Herrin J, Higuera L, Jeffery M, Jena A, Ross J, Shah N, 24th Annual Agency for Healthcare Research and Quality (AHRQ) NRSA Trainees Research Conference, June 2018, Seattle, WA (Co-author L Smith presented)
12. "Geographic Variation in the De-adoption of Ineffective and Unsafe Treatments" with Everhart A, Desai N, Dowd B, Herrin J, Higuera L, Jeffery M, Jena A, Ross J, Shah N, L Smith, 24th Annual Agency for Healthcare Research and Quality (AHRQ) NRSA Trainees Research Conference, June 2018, Seattle, WA (Co-author Everhart A presented)
13. "Convene Conference – Intersection of Medical Industry and Data Science", Medical Industry Leadership Institute Policy Forum, Organizer, speaker, University of Minnesota, Carlson School of Management, October 2, Minneapolis, MN
14. "Medical Reversals: Understanding the process of de-adoption" – presented a collection of papers, Institute for Health Informatics Retreat keynote, October 8, 2018, Minneapolis, MN
15. "Diffusion of Clinical Evidence into Clinical Practice: A Story of De-Adoption" – presented a collection of papers, US Department of Health & Human Services "Healthcare Startup Day Minnesota", Minneapolis, MN, October 15, 2018
16. "Medical Reversals: Understanding the process of de-adoption", OptumLabs® Research & Translation Forum, Boston, MA, November 14, 2018 (co-author Shah N presented a collection of our papers)
17. "Leading the Conversation, Value-Based Care", panelist with Phil Kaufman, United Healthcare CEO for MN, ND and SD and Marco Flaviou from Ximedica about where data is making an impact in health care, Medical Alley, Minneapolis, MN, November 6, 2018
18. "The Effect of the Risk Corridors Program on Marketplace Premiums and Participation", with Sacks D, Vu K, Huang T-Y, MCFAM Minnesota Center for Financial Mathematics, University of Minnesota's School of Mathematics, November 30, 2018

## 2017

1. "The Effect of the Risk Corridors Program on Marketplace Premiums and Participation", with Sacks D, Vu K, Huang T-Y, Department of Finance, University of Minnesota Carlson School of Management, Minneapolis, MN, Dec 6, 2017
2. "The Effect of the Risk Corridors Program on Marketplace Premiums and Participation", with Sacks D, Vu K, Huang T-Y, Department of Economics, Vanderbilt University, Nashville, TN, Nov 7, 2017
3. "The Effect of the Risk Corridors Program on Marketplace Premiums and Participation", with Sacks D, Vu K, Huang T-Y, Health Insurance Exchanges Conference, University of Pennsylvania, September 15, 2017
4. "Quality and Costs in Narrow Network Skilled Nursing Facilities", with Sood N, Huckfeldt P, Escarce J, Weissblum L, AcademyHealth Annual Research Meeting, New Orleans, LA, June 27th 2017 (Co-author Weissblum L presented)
5. "Impact of Hospital Obstetric Unit Closures on Access, Procedure, and Outcomes of Obstetric Care", with Hung P, Kozhimannil K, Casey M, Moscovice I, AcademyHealth Annual Research Meeting, New Orleans, LA, June 24th 2017 (Co-author P Hung presented)
6. "Quality and Costs in Narrow Network Skilled Nursing Facilities", with Sood N, Huckfeldt P, Escarce J, Weissblum L, International Health Economics Association World Congress, Boston, MA, July 2017 (Co-author Huckfeldt P presented)
7. "Does Vertical Integration of Hospitals with Skilled Nursing Facilities Improve Care Coordination?", with Huckfeldt P, Escarce J, Sood N, Weissblum L, Gu J, International Health Economics Association World Congress, Boston, MA, July 2017 (Co-author Huckfeldt P presented)

8. "Consumer Learning, Product Differentiation and the Value of Generic Pharmaceutical Entry" with Bairoliya N, McCullough J, Petrin A, Applied Industrial Organization Workshop (Barcelona GSE Summer Forum, 2017) (Co-author Bairoliya N presented)
9. "The Volume of TV Advertisements during ACA's First Enrollment Period was Associated with Increased Insurance Coverage", with Wilcock A, Baum L, Barry C, Niederdeppe J, Franklin Fowler E, Gollust S, Department of Finance, Carlson School of Management, Minneapolis, MN, May 26, 2017
10. "Association between FDA Black Box Warnings and Medicare Formulary Coverage Changes", with Dhruva S, Shah N, Ross J, Lown Institute Meeting, Boston, MA, May 5, 2017
11. "Consumer Learning, Product Differentiation and the Value of Generic Pharmaceutical Entry" with Bairoliya N, McCullough J, Petrin A, Midwest Health Economics Conference, Minneapolis, MN, May 2017 (Co-author McCullough J presented)
12. "Impact of Hospital Obstetric Unit Closures on Access, Procedure, and Outcomes of Obstetric Care", with Hung P, Kozhimannil K, Casey M, Moscovice I, Minnesota Annual Health Services Research Conference, St. Paul, MN, March 7, 2017 (Co-author Hung P presented)
13. "Factors Associated with the Loss of Hospital Obstetric Care in the US 2003-2013", with Hung P, Kozhimannil K, Casey M, Moscovice I, Minnesota Annual Health Services Research Conference, St. Paul, MN, March 7, 2017 (Co-author Hung P presented)
14. "Disparities in Geographic Distribution of Hospital Obstetric Care", with Hung P, Kozhimannil K, Casey M, Moscovice I, Minnesota Annual Health Services Research Conference, St. Paul, MN, March 7, 2017 (Co-author Hung P presented)

## 2016

1. "Opioid Prescribing of Hospitals," Grand Rounds presentation, University of Minnesota, Department of Orthopaedic Surgery, October 7, 2016
2. "Television Advertising, News and the Uninsured: Market Level Evidence from the First Open Enrollment Period of Health Insurance Marketplaces," with Wilcock A, Baum L, Barry C, Niederdeppe J, Franklin Fowler E, Gollust S. ASHEcon, June 2016 (Co-author Wilcock A presented)
3. "Impact of a Customized Transparency Tool on Consumer Behavior," with Cuellar A, Jena A, ASHEcon, June 2016 (Co-author Cuellar A presented)
4. "Consumer Learning, Product Differentiation and the Value of Generic Pharmaceutical Entry" with Bairoliya N, McCullough J, Petrin A, ASHEcon, June 2016 (Co-author McCullough J presented)
5. "Quality and Costs in Narrow Network Skilled Nursing Facilities," with Sood N, Huckfeldt P, Escarce J, Weissblum L, ASHEcon, June 2016 (Co-author Weissblum L presented)
6. "Medicare Advantage and Post Acute-care Utilization," with Sood N, Huckfeldt P, Escarce J, Weissblum L, Rabideau B, ASHEcon and AcademyHealth, June 2016 (Co-author Huckfeldt P presented)
7. "Impact of a Customized Transparency Tool on Consumer Behavior," with Cuellar A, Jena A, Robert Wood Johnson Foundation under its Changes in Health Care Financing and Organization (HCFO) Initiative Conducted by AcademyHealth, May 12, 2016 (Co-author Cuellar A presented)
8. "The Effect of Physician and Hospital Market Structure on Medical Technology Diffusion." with Town RJ, Wilcock A, National Institutes of Health, Diffusion of Medical Technology Workshop, May 5, 2016
9. "Television Advertising, News and the Uninsured: Market Level Evidence from the First Open Enrollment Period of Health Insurance Marketplaces," with Wilcock A, Baum L, Barry C,

Niederdeppe J, Franklin Fowler E, Gollust S, University of Chicago School of Social Service Administration, April 19, 2016 (Co-author Gollust S presented)

## 2015

1. "Consumer Learning, Product Differentiation and the Value of Generic Pharmaceutical Entry" with Bairoliya N, McCullough J, Petrin A, Caribbean Health Economics Symposium, British Virgin Islands, December 13-15, 2015 (Co-author McCullough J presented)
2. "Consumer Learning, Product Differentiation and the Value of Generic Pharmaceutical Entry" with Bairoliya N, McCullough J, Petrin A, The Joint Annual Health Econometrics Workshop and the 7<sup>th</sup> Australasian Workshop on Econometrics and Health, Manoa, Hawaii, December 11-14, 2015 (Co-author Bairoliya N presented)
3. "Media and the Politics of Implementation, Explaining Geographic Variation in Local TV Coverage of the Affordable Care Act," with Franklin Fowler E, Baum L, Barry C, Niederdeppe J, Wilcock A, Gollust S, American Political Science Association Conference in San Francisco, CA (Co-author Franklin Fowler E presented)
4. "States With Stronger Health Insurance Rate Review Authority Experienced Lower Premiums In The Individual Market In 2010-13," with Fulton B, Hollingshead A, Scheffler R, Robert Wood Johnson Foundation Webinar "Is Rate Review the Answer to Lower Health Insurance Premiums?" November 2015
5. "Spillover Effects in Provider Behavior: Evidence from the Introduction of Drug Eluting Stents," with Wilcock A, Golberstein E, Town R, International Health Economics Association World Congress, Milan, Italy, July 2015
6. "The Impact of a Customized Price Transparency Tool on Consumer Behavior," with Cuellar A, International Health Economics Association World Congress, Milan, Italy, July 2015
7. "The Impact of a Customized Price Transparency Tool on Consumer Behavior," with Cuellar A, , AcademyHealth, Minneapolis, MN, June 2015 (Co-author Cuellar A presented)
8. "Community Characteristics and Qualified Health Plan Selection during the First Open Enrollment Period," with Boudreaux M, Blewett L, Hempstead K, AcademyHealth, Minneapolis, MN, June 2015 (Co-author Boudreaux M presented)
9. "State-Based Marketplaces Using Clearinghouse Plan Management Models are Associated with Lower Premiums" with Krinn K, Blewett L, FTC/DOJ Conference on Healthcare Competition, Invited Panel Member, Washington D.C., February 2015

## 2014

1. "The Effect of Physician and Hospital Market Structure on Medical Technology Diffusion," with Town RJ, Wilcock A, Mayo Clinic, Division of Health Care Research and Policy, December 2014
2. "The Effect of Physician and Hospital Market Structure on Medical Technology Diffusion" with Town RJ, Wilcock A, University of Pennsylvania, Leonard Davis Institute of Health Economics, November 2014
3. "The Effect of Physician and Hospital Market Structure on Medical Technology Diffusion," with Town RJ, Wilcock A, NBER Health Care Program Summer Institute, July 2014
4. "The Effect of Physician and Hospital Market Structure on Medical Technology Diffusion," with Town RJ, Wilcock A, American Society of Health Economics Conference, Los Angeles, CA, June 2014
5. "State Participation in Health Insurance Exchanges is Associated with Lower Premiums," with Krinn K, Blewett L, American Society of Health Economics Conference, Los Angeles, CA, June 2014
6. "Early Evidence on Federal Rate Review Regulation and Premiums in the Individual and Small Group Markets," with Fulton B, Scheffler R, American Society of Health Economics Conference, Los Angeles, CA, June 2014

7. "A Double-edged Sword: Exhaust the Ozone Layer or Ban Ozone Depleting Asthma Drugs?" with Jena A, Goldman D, American Society of Health Economics Conference, Los Angeles, CA, June 2014
8. "Geographic and Hospital Variations by Payer Type in New Medical Technology Use: The Case of Drug Eluting Stents," with Bayindir E E, American Society of Health Economics Conference, Los Angeles, CA, June 2014
9. "Physician-Hospital Stability and Mortality in Cardiology," with Wilcock A, American Society of Health Economics Conference, Los Angeles, CA, June 2014
10. "The Effect of Physician and Hospital Market Structure on Medical Technology Diffusion," with Town RJ, Wilcock A, Indiana University at Purdue University, Department of Economics, April 2014
11. "The Effect of Physician and Hospital Market Structure on Medical Technology Diffusion," with Town RJ, Wilcock A, Design of Medical Device Conference (invited panel presenter), Minneapolis, MN, April 2014
12. "The Effect of Physician and Hospital Market Structure on Medical Technology Diffusion," with Town RJ, Wilcock A, American Economic Association Annual Meeting, Philadelphia, PA, January 2014
13. "Peer Groups and Employment Outcomes: Evidence Based on Conditional Random Assignment in the U.S. Army," with Maestas N, Powell D, American Economic Association Annual Meeting, Philadelphia, PA, January 2014 (Co-author Powell D presented)

## 2013

1. "Going into the Affordable Care Act: Measuring the Size, Structure and Performance of the Individual and Small Group Markets," with Abraham J, Simon K, Feldman R, National Bureau of Economic Research Conference on Measuring and Modeling Health Care Costs, Washington D.C., October 2013
2. "The Role of Agents and Brokers in the Market for Health Insurance" with Feldman R, Graven P, University of Minnesota Department of Economics, September 2013
3. "The Role of Agents and Brokers in the Market for Health Insurance," with Feldman R, Graven P, Marketing Science Conference, Istanbul, Turkey, July 2013
4. "Medication Utilization to Antidepressants among Dual Eligible Before and After Part D," with Kim JA, Blewett L, International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 18th Annual International Meeting, New Orleans, LA, May 2013. (Graduate student lead author Kim JA presented)
5. "Evaluating the Short-Run Impact of Medical Loss Ratio Regulation on the Individual and Small Group Markets," with Abraham J, Simon K, American Economic Association Annual Meeting, San Diego, CA, January 2013 (Co-author Abraham J presented)

## 2012

1. "The Role of Agents and Brokers in the Market for Health Insurance," with Feldman R, Graven P, University of Alabama at Birmingham, School of Public Health, Birmingham, AL, October 2012
2. "The Role of Agents and Brokers in the Market for Health Insurance," with Feldman R, Graven P, University of Minnesota, School of Public Health, Division of Health Policy and Management, Minneapolis, MN, October 2012
3. "Family Out-of-Pocket Health Care Burden and Children's Access to Health Care," with Choi S, Lee J, Scal P, University of Minnesota, Minnesota Population Center, Minneapolis, MN, September 2012
4. "Family Out-of-Pocket Health Care Burden and Children's Access to Health Care" with Choi S, Lee J, Scal P, European Conference on Health Economics, Zurich, Switzerland, July 2012

5. "Out-of-Pocket Financial Burden Experienced by Children with Private Health Insurance, 2001-2009," with Choi S, AcademyHealth Annual Research Meeting, Orlando, FL, June 2012 (Graduate student co-author Choi S presented)
6. "Effect of Medicare Prescription Drug Program (Part D) on Medication Adherence for Dual Eligibles: Case of ACEIs and ARBs," with Kim JA, Taehwan MS, International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 17th Annual International Meeting, Washington DC, June 2012 (Graduate student lead author Kim JA presented)
7. "Plan Benefit Generosity, Adherence to Statins and Hospitalizations under Medicare: Part D," with Swenson T, Abraham J, Kane R, American Society of Health Economics Conference, Minneapolis, MN, June 2012
8. "Who Values Information from a Health Plan Internet-Based Decision Tool and Why: A Demographic and Utilization Analysis," with Chen S, Levin R., American Society of Health Economics Conference, Minneapolis, MN, June 2012
9. "Impact of Medicare Part D Implementation on Drug Adherence for Dual Eligibles: Cases of Anti-depressants and Anti-psychotics," with Kim JA, Blewett L, American Society of Health Economics Conference, Minneapolis, MN, June 2012 (Graduate student lead author Kim JA presented)
10. "Medicare Part D Partial Low Income Subsidy Recipients: Prescription Drug Adherence, 2006-2008," with Swenson T, American Society of Health Economics Conference, Minneapolis, MN, June 2012. (Graduate student lead author Swenson T presented)
11. "Plan Benefit Design and Utilization of Oral Osteoporosis Drugs for Medicare Part D Beneficiaries among Women," (Lin CW, McCullough J, Swenson T, Schousboe J, Schondelmeyer M, American Society of Health Economics Conference, Minneapolis, MN, June 2012 (Graduate student lead author Lin CW presented)
12. "Ownership and Performance in Markets with Asymmetric Information: Evidence from Nursing Homes," with Ben-Ner A, Ren T, American Society of Health Economics Conference, Minneapolis, MN, June 2012 (Co-author Ben-Ner A presented)
13. "Is the Medical Loss Ratio a Good Proxy for Market Power in the Individual Market for Health Insurance?" with Abraham J, University of Colorado, School of Public Health, Denver, CO, March 2012 (Co-author Abraham J presented)
14. "Plan Benefit Generosity, Adherence to Statins and Hospitalizations under Medicare: Part D," with Swenson T, Abraham J, Kane R, CMS 2012 Medicare Prescription Drug Benefit Symposium, Washington D.C., March 2012 (Graduate student co-author Swenson T presented)
15. "Is the Medical Loss Ratio a Good Proxy for Market Power in the Individual Market for Health Insurance?" with Abraham J, U.C. Berkeley School of Public Health, February 2012
16. "Is the Medical Loss Ratio a Good Proxy for Market Power in the Individual Market for Health Insurance?" with Abraham J, Rice University Department of Economics, January 2012
17. "The Role of Agents and Brokers in the Market for Health Insurance," with Feldman R, Graven P, American Economic Association Annual Meeting, Chicago, IL, January 2012

## 2011

1. "The Role of Agents and Brokers in the Market for Health Insurance," with Feldman R, Graven P, Association for Public Policy Analysis and Management Fall Conference, Washington D.C., November 2011 (Graduate student Graven P presented)
2. "The Role of Agents and Brokers in the Market for Health Insurance," with Feldman R, Graven P, Annual Health Economics Conference, Northwestern University, Evanston, IL, October 2011 (Co-author Feldman R presented)

3. "The Role of Agents and Brokers in the Market for Health Insurance," with Feldman R, Graven P, Agency for Health Care Research and Quality Annual Meeting, September 2011 (Co-author Feldman R presented)
4. "The Role of Agents and Brokers in the Market for Health Insurance," with Feldman R, Graven P, Minnesota Census Research Data Center Annual Conference, Minneapolis, MN, September 2011 (Graduate student Graven P presented)
5. "What Affects Medical Loss Ratios in the Individual Market?" with Abraham J, International Health Economics Association World Congress, Toronto, ON, Canada, July 2011 (Co-author Abraham J presented)
6. "Private Insurance and Outcomes for Children with Asthma," with Jena A, Joyce G, Goldman D, International Health Economics Association World Congress, Toronto, ON, Canada, July 2011 (Co-author Joyce G presented)
7. "What Affects Medical Loss Ratios in the Individual Market?" with Abraham J, National Bureau of Economic Research Summer Institute Health Care Meeting, Cambridge, MA, July 2011 (Co-author Abraham J presented)
8. "The Role of Agents and Brokers in the Market for Health Insurance," with Feldman R, Graven P, National Bureau of Economic Research Summer Institute Health Care Meeting, Cambridge, MA, July 2011 (Co-author Feldman R presented)
9. "Family Out-of-Pocket Health Care Burden and Children's Access to Health Care." With Choi S, Lee J, Scal P, AcademyHealth Annual Research Meeting, Seattle, WA, June 2011 (Graduate student co-author Choi S presented)
10. "What Affects Medical Loss Ratios in the Individual Market?" with Abraham J, AcademyHealth Annual Research Meeting, Seattle, WA, June 2011 (Co-author Abraham J presented)
11. "What Affects Medical Loss Ratios in the Individual Market?" with Abraham J, Midwestern Health Economics Conference, Ann Arbor, MI, May 2011. (Co-author Abraham J presented)
12. "Private Insurance and Outcomes for Children with Asthma," with Jena A, Joyce G, Goldman D, National Bureau of Economic Research, Health Economics Spring Meeting, Cambridge, MA, May 2011
13. "Private Insurance and Outcomes for Children with Asthma," with Jena A, Joyce G, Goldman D, Population Association of America Conference, Washington D.C., March 2011
14. "Family Out-of-Pocket Health Care Burden and Children's Access to Health Care." With Choi S, Lee J, Scal P, Minnesota Health Services Research Conference, Minneapolis, MN, March 2011 (Graduate student co-author Choi S presented)

## 2010

1. "Regulating the Medical Loss Ratio: Implications for the Individual Market," with Abraham J, Robert Wood Johnson Foundation Grantee Briefing, Washington, D.C., December 2010. *The participants included staff from the Department of Health and Human Services; U.S. Senate Committee on Health, Education, Labor and Pensions; Department of Labor; Department of the Treasury; and National Association of Insurance Commissioners; and America's Health Insurance Plans.* (Both authors attended the panel briefing, co-author Abraham J presented the findings.)
2. "How Do Medical Loss Ratios Vary Across States?" with Abraham J, Association of Public Policy and Management Fall Conference, Boston, MA, November 2010 (Co-author Abraham J presented)
3. "The ABCs of Children's Health and Federal Reform: Understanding the Potential Impact of PPACA," with Abraham J, Choi S, Human Research Collaborative Conference, Federal Reserve Bank, Minneapolis, MN, October 2010 (Co-author Abraham J presented)



4. "A Burden or Merely a Load: New Empirical Estimates of Health Insurance Loading Fees by Group Size," with Abraham J, Phelps C, University of Minnesota, Minnesota Population Center, September 2010
5. "A Burden or Merely a Load: New Empirical Estimates of Health Insurance Loading Fees by Group Size," with Abraham J, Phelps C, American Society of Health Economics Conference, Ithaca, NY, June 2010 (Co-author Abraham J presented)
6. "How Do Medical Loss Ratios Vary Across States?" with Abraham J, American Society of Health Economics Conference, Ithaca, NY, June 2010
7. "The Impact of New Drugs and Biologicals on the Treatment and Cost of Colorectal Cancer," with McCullough J, Mustaqeem S, Van Houten HK, Shah N, American Society of Health Economics Conference, Ithaca, NY, June 2010 (Co-author Shah N presented)
8. "A Burden or Merely a Load: New Empirical Estimates of Health Insurance Loading Fees by Group Size," with Abraham J, Phelps C, American Economic Association Annual Meeting, Atlanta, GA, January 2010 (Co-author Abraham J presented)

## 2009

1. "A Burden or Merely a Load: New Empirical Estimates of Health Insurance Loading Fees by Group Size," with Abraham J, Phelps C, Cornell University, Department of Policy Analysis and Management, December 2009 (Co-author Abraham J presented)
2. "A Burden or Merely a Load: New Empirical Estimates of Health Insurance Loading Fees by Group Size," with Abraham J, Phelps C, Association of Public Policy and Management, Washington D.C., November 2009 (Co-author Abraham J presented)
3. "A Burden or Merely a Load: New Empirical Estimates of Health Insurance Loading Fees by Group Size," with Abraham J, Phelps C, Carnegie Mellon University, Heinz School, October 2009 (Co-author Abraham J presented)
4. "Behavioral Impact of Graduated Driver Licensing on Teenage Driving Risk and Exposure," with Ridgeway G, Minnesota Department of Health Injury and Violence Prevention Unit, St. Paul, MN, August 2009
5. "Peer Groups and Employment Outcomes: Quasi-Experimental Evidence from the U.S. Army," with Hong SY, Maestas N, European Economic Association Annual Congress, Barcelona, Spain, August 2009 (Graduate student co-author Hong SY presented)
6. "A Burden or Merely a Load: New Empirical Estimates of Health Insurance Loading Fees by Group Size," with Abraham J, Phelps C, AcademyHealth, Health Economics Interest Group Meeting, Washington D.C., June 2009
7. "A Burden or Merely a Load: New Empirical Estimates of Health Insurance Loading Fees by Group Size," with Abraham J, Phelps C, ATINER 8th International Conference on Health Economics, Management and Policy, Athens, Greece, June 2009
8. "Peer Groups and Employment Outcomes: Quasi-Experimental Evidence from the U.S. Army," with Hong SY, Maestas N, American Economic Association Annual Meeting, San Francisco, CA, January 2009 (Co-author Maestas N presented)

## 2008

1. "Peer Groups and Employment Outcomes: Quasi-Experimental Evidence from the U.S. Army," with Hong SY, Maestas N, University of California at Berkeley Department of Economics, November 2008
2. "Behavioral Impact of Graduated Driver Licensing on Teenage Driving Risk and Exposure," with Ridgeway G, National Bureau of Economic Research Summer Institute for Law and Economics, Cambridge, MA, July 2008

3. "Behavioral Impact of Graduated Driver Licensing on Teenage Driving Risk and Exposure," with Ridgeway G, University of Minnesota School of Public Health, Division of Health Policy and Management (job market presentation), Minneapolis, MN, June 2008
4. "Behavioral Impact of Graduated Driver Licensing on Teenage Driving Risk and Exposure," with Ridgeway G, Annual Transportation Research Conference, St. Paul, MN, May 2008
5. "Peer Groups and Employment Outcomes: Quasi-Experimental Evidence from the U.S. Army," with Hong SY, Maestas N, University of California at Los Angeles Department of Economics, March 2008 (Co-author Maestas N presented)
6. "How Does Sarbanes-Oxley Affect Firms' Decisions to Stay in the Public Market or Go Private?" with Kamar E, Talley E, Congressional Briefing, Capitol Hill, Washington D.C., February 2008
7. "Behavioral Impact of Graduated Driver Licensing on Teenage Driving Risk and Exposure," with Ridgeway G, American Economic Association Annual Meeting, New Orleans, LA, January 2008

#### **2007**

1. "Going-Private Decisions and the Sarbanes-Oxley Act of 2002: A Cross-Country Analysis," with Kamar E, Talley E, RAND Corporation Board of Trustees, Santa Monica, CA, November 2007
2. "Varying Pharmacy Benefits With Clinical Status: The Case of Cholesterol-Lowering Therapy," with Goldman D, Joyce G, University of Minnesota School of Public Health, Division of Health Policy and Management, Minneapolis, MN, May 2007
3. "Going-Private Decisions and the Sarbanes-Oxley Act of 2002: A Cross-Country Analysis," with Kamar E, Talley E, Harvard Law School, Cambridge, MA, March 2007 (Co-author Kamar E presented)
4. "Going-Private Decisions and the Sarbanes-Oxley Act of 2002: A Cross-Country Analysis," with Kamar E, Talley E, American Economic Association Annual Meeting, Chicago, IL, January 2007

#### **2006**

1. "Going-Private Decisions and the Sarbanes-Oxley Act of 2002: A Cross-Country Analysis," with Kamar E, Talley E, American Law and Economics Association Annual Meeting, Berkeley, CA, May 2006
2. "Going-Private Decisions and the Sarbanes-Oxley Act of 2002: A Cross-Country Analysis," with Kamar E, Talley E, University of Southern California, Marshall School of Business, Los Angeles, CA, April 2006
3. "Going-Private Decisions and the Sarbanes-Oxley Act of 2002: A Cross-Country Analysis," with Kamar E, Talley E, RAND Corporation Institute for Civil Justice Board of Director, Los Angeles, CA, March 2006

#### **2005**

1. "Going-Private Decisions and the Sarbanes-Oxley Act of 2002: A Cross-Country Analysis," with Kamar E, Talley E, *Journal of Empirical Legal Studies* Workshop, Cornell Law School, Ithaca, NY, September 2005
2. "Varying Pharmacy Benefits with Clinical Status: The Case of Cholesterol-Lowering Therapy," with Goldman D, Joyce G, 4th International Health Conference, Athens, Greece, June 2005

#### **2004**

1. "Network Effects in Technology Adoption: The Case of DVD Players," RAND Corporation, Santa Monica, CA, January 2004
2. "Network Effects in Technology Adoption: The Case of DVD Players," Columbia University Business School, NY, NY, January 2004

#### **2003**

1. "Network Effects in Technology Adoption: The Case of DVD Players," University of California at Berkeley, Haas School of Business, Berkeley, CA, September 2003

2. "Network Effects in Technology Adoption: The Case of DVD Players," Stanford University Graduate School of Business, Palo Alto, CA, September 2003
3. "Network Effects in Technology Adoption: The Case of DVD Players," University of Chicago Graduate School of Business, Chicago, IL, September 2003
4. "Network Effects in Technology Adoption: The Case of DVD Players," University of Minnesota Carlson School of Business, Minneapolis, MN, September 2003

## **REVIEWER APPOINTMENTS**

### **Peer-Reviewer for Journals (multiple times for most journals)**

The B.E. Journals in Economic Analysis & Policy, International Journal of Industrial Organization, American Economic Review, Health Services Research and Policy, American Journal of Managed Care, Managed Care Interface, Journal of Law, Economics, and Organization, Journal of Legal Studies, RAND Publications, World Conference of Transportation Research, Review of Industrial Organization, Forum for Health Economics and Policy, U.C. Berkeley Energy Institute, Inquiry, Journal of Applied Econometrics, Population Research and Policy Review, Health Economics, Journal of Health Economics, Medical Care, American Law and Economics Review, Bulletin of Economic Research, Health Services Research, PharmacoEconomics, Journal of Law and Economics, Transportation Research- Part A, Epidemiologic Reviews, Journal of Industrial Economics, Review of Economics of the Household, Journal of Policy Analysis and Management, Economics and Human Biology, Journal of Public Economics, International Journal of Health Care Finance and Economics, Inquiry, Biomed Central Pulmonary Medicine, Southern Economic Journal, Journal of Risk and Insurance, Health Economics, American Economic Journal: Applied Economics, Review of Household Economics, Journal of the European Economic Association, JAMA Dermatology, Journal of the American Medical Association (JAMA), JAMA Internal Medicine, PLOS One, Health Affairs, British Medical Journal (BMJ), Value in Health, Journal of Political Economy

### **Grant Reviewer**

Health Resources and Services Administration (HRSA's) Division of Independent Review for the Maternal and Child Health Bureau, November 2011, November 2012

Centers for Medicare and Medicaid Services, Center for Consumer Information and Insurance Oversight Cooperative Agreement to Support Establishment of State-Operated Health Insurance Exchanges, March 2013, August 2013

National Science Foundation, Decision, Risk and Management Sciences, Division of Social and Economic Sciences, 2014

National Institutes of Health, Health Services Organization and Delivery Study Section, September 2014

### **Conference Reviewer**

Reviewer, AcademyHealth, Health Economics Interest Group Meeting, 2015

Reviewer, AcademyHealth Annual Research Meeting, 2013

Scientific Review Committee Member for American Society of Health Economics Conference (2010, 2012, 2014)

Scientific Review Committee Member for International Health Economics Association 2019, 2011 conferences

Scientific Review Committee Member for European Conference of Health Economics 2012 conference

### **External Examiner**

Swarthmore College, Honors Program, Conducted written and oral examinations of honors candidates in Advanced Microeconomic Theory and Industrial Organization, May 2006

### **Advisor, U. of Minnesota**

### ***Doctoral***

- Dissertation Advisor to PhD candidates Jessica Chang (SPH, 2024), Jiani Zhou (SPH, 2023), Alex Everhart (SPH, 2021), Andrew Wilcock (SPH, 2017), Jee-Ae Kim (SPH, 2013), Tami Swenson (SPH, 2016)
- Dissertation Committee Member to PhD candidates Haolin Wu (CSOM 2026), Yi Zhu (CSOM, 2024), Jash Jain (CSOM, 2024), Donghoon Lee (University of Washington, 2004), Adeniyi Togun (SPH, 2021), Srikan Rojanasart (Pharmacy, 2018), Coleman Drake (SPH, 2018), Titi Adeniyi (SPH, 2018), Peiyin Hung (SPH, 2017), Peter Graven (SPH, 2014), Neha Bairoliya (Economics, 2015), Jiwoon Kim (Economics, 2015), Sung Choi (SPH, 2015), Helen Markelova (Applied Economics, 2015)

- Interdisciplinary Dissertation Fellowship Mentor to Xi Zhu (Sociology, 2011)

\*SPH: School of Public Health; CSOM: Carlson School of Management

### ***Masters (all in SPH)***

- Masters Project Advisor to MPH candidates Jess Rengstorf (2008), Rajan Shukla (2008, best Masters Project Award), Sarah Haas (2010), Siddharth Jain (2011), Chia-Wei Lin (2012, best Master Project Award), Cortney Jones (2015), Adeniyi Togun (2015), Ming Yi (2016)
- Masters Project Advisor to M.S. candidate Wei Shi (2010), Nicholas Boerger (2013), Breanna Arndt (Applied Econ, 2017)
- Masters Project Committee Member to M.S. candidate Xinxin Han (2014)
- Professional Paper Co-Supervisor to MPP candidate Kelly Krinn (2014)
- Academic Advisor to MPH candidates Laura Fleege (2010), Sarah Haas (2010), Bill Woywood (2011), Nicole Stewart (2011), Natalia Espejo (2011), Bruce Rwabasonga Mandela (2014), Maeve McClellan (2014), Kelsey Avery (2014), Merhawit Girmay (2015), Karin Friedberg (2015)
- Committee Member to MPH candidates Amy Hemstad (2008, best Masters Presentation Award), Laura Fleege (2010), Andrea Mayfield (2010), Nicole Stewart (2011), Miodrag Ognjanovic (2012), Sydney Kuramoto (2013), Genny Grilli (2013), Bruce Rwabasonga Mandela (2014, Best Masters Project Award)
- Committee Member to M.S. candidate Amber Kroeger (2010)

### ***Committee Service, U of Minnesota,***

HPM: Health Policy and Management; CSOM: Carlson School of Management

- Promotion and Tenure Review committees- CSOM (multiple) 2021-present
- Core-Member, University of Minnesota-wide Data Science Initiative 2024-present
- Member, Opioid Advisory Task Force, University of Minnesota Office of Academic and Clinical Affairs, 04/18-present
- Co-Chair Member, Faculty Consultative Committee, CSOM 06/2022-07/2023
- Member, Faculty Consultative Committee, CSOM 08/2020-06/2022
- Member, University of Minnesota Opioid Advisory Task Force 04/2018-present
- Member, Search committee for Director, Technological Leadership Institute 12/2020-01/2021
- Member, University Senate's, Information Technologies Committee 07/2019-07/2021
- Member, Search committee for Assoc, VP, Academic Clinical Affairs 12/2018-01/2019
- Alternate Member, Faculty Consultative Committee, CSOM 08/2018-06/2019
- Head, Health Economics Track, HPM 03/2015-08/2017
- Public Health Administration and Policy Admissions Committee, HPM 08/2013-08/2017
- Faculty Search Committee – Junior Health Economist, HPM 08/2013-03/2014

• Chair, Research Committee, HPM	01/2011-08/2017
• Member, Executive Committee, HPM	01/2011-08/2017
• Faculty Search Committee – Senior Health Economist, HPM	08/2010-05/2011
• Population Studies Graduate Minor Curriculum Oversight Committee	08/2011-08/2012
• Best Dissertation Selection Committee, HPM	03/2011
• Faculty Search Committee – Health Demography, HPM	10/2009-05/2010
• Member, Research Committee, HPM	03/2008-01/2011
• Economics Preliminary Examination Committee, HPM	10/2007-08/2017
• Public Health Administration and Policy Admissions Committee, HPM	Fall, 2008-Spring 2011
• Faculty Consultative Committee /alternate – CSOM	2018-2019
• Fourth year review reading committee – CSOM	Spring 2019

### PROFESSIONAL AFFILIATIONS

• The Women's Health Leadership TRUST (WHLTrust)	2018-present
• ISPOR, The Professional Society for Health Econ and Outcomes Research	2018-present
• Business School Alliance on Healthcare Management	2017-present
• AcademyHealth	2013-present
• International Health Economics Association	2010-present
• American Economic Association	2003-present
• American Society of Health Economists	2008-present
• American Risk and Insurance Association	2008-2017
• European Economic Association	2009-present
• Econometrics Society	2009
• American Association of Law and Economics	2005-2008

### OTHER INFORMATION

*Citizenship:* U.S./Turkish (dual citizen)

*Languages:* Turkish (native), English (fluent), Serbian/Croatian/Bosnian (fluent)

*Personal:* Married, three children

*Volunteer:*

- Saint Paul Public School District, St. Anthony Park Elementary School, Site Council Member, 09/2009-06/2011
- Saint Paul Public School District, Murray Junior High School, Tutor (one-on-one tutoring program), 09/2014-06/2015
- Bridge to Turkiye Fund (BTF) -a U.S. based non-profit NGO, Project Development and Fund-Raising to support education and well-being of Syrian refugee children in Turkey, grassroots fund raising and grants awards from Global Giving. 09/2015-06/2017
- Bridge to Turkiye Fund (BTF) -a U.S. based non-profit NGO,
  - Co-Founder, Co-Lead, BTF Minnesota Circle to support projects on education and health care needs of underserved children in Turkey primarily in rural and economically disadvantaged areas. Co-Lead 02/2016 – 12/2018
- “Syrian refugee crisis gets personal for U prof”, by Anne Holzman, December 15, 2015, Park Bugle. <http://www.parkbugle.org/syrian-refugee-crisis-gets-personal-for-u-prof/>
- “St. Paul woman helping Syrian refugees in her native Turkey”, by Maja Beckstrom, December 24, 2015, Twin Cities Pioneer Press <http://www.twincities.com/2015/12/24/st-paul-woman-helping-syrian-refugees-in-her-native-turkey/>

- “Syrian refugee crisis gets personal for School of Public Health Professor”, Dec 15, 2015, Mona Rath  
<http://www.sph.umn.edu/news/syrian-refuge-crisis-get-personal-for-school-of-public-health-professor/>
- “A Helping Heart”, Swarthmore College Bulletin, Fall 2016, Issue 1, Volume CXIV,  
<http://bulletin.swarthmore.edu/fall-2016-issue-i-volume-cxiv/helping-heart>