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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, <i>high honors</i>	1998

## PROFESSIONAL APPOINTMENTS

<i>Academic Director</i> Medical Industry Leadership Institute, Carlson School of Management University of Minnesota, Minneapolis, MN.	10/17-present
<i>Professor with Tenure</i> Department of Finance, Carlson School of Management C. Arthur Williams Jr. Professor in Healthcare Risk Management	07/20-present
<i>Co-Founder, President and CEO</i> XanthosHealth LLC	02/21-present
<i>Associate Professor with Tenure</i> Division of Health Policy and Management, School of Public Health, University of Minnesota, Minneapolis, MN.	07/14-08/17
Department of Finance, Carlson School of Management University of Minnesota, Minneapolis, MN.	08/17-present
<i>Research Associate</i> National Bureau of Economic Research	09/14-present
<i>Associate Editor</i> Forum for Health Economics and Policy	10/14-present
Editorial Board Member International Journal of Health Economics and Management	04/17-present
<i>Assistant Professor</i> Division of Health Policy and Management, School of Public Health University of Minnesota, Minneapolis, MN	09/07-06/14
<i>Faculty Research Fellow</i> National Bureau of Economic Research	05/11-09/14
<i>Core Faculty</i> Institute for Health Informatics Academic Center, University of Minnesota, Minneapolis, MN	03/18-present
<i>Graduate Faculty</i> Department of Applied Economics School of Public Health, Division of Health Policy and Management University of Minnesota, Minneapolis, MN	12/07-present
<i>Faculty Member</i> Minnesota Population Center, University of Minnesota, Minneapolis, MN	03/08-present

## ADVISORY/EDITORIAL APPOINTMENTS

**Co-Founder and Co-Lead**, University of Minnesota COVID-19 Hospitalization Tracking Project, 03/20-present

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

**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-present

**Member**, University of Minnesota Carlson School of Management, Faculty Consultative Committee, 09/20-present

**Member**, University of Minnesota Senate Committee on Information Technologies, 07/19-present

**Board member**, Business School Alliance on Healthcare Management, 10/17-present

Lead for Women Faculty Initiative, 05/18-present

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

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

**Editorial Board Member**, *Health Management, Policy & Innovation*, 11/19-present

**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-present

**Member**, Opioid Advisory Task Force, University of Minnesota Office of Academic and Clinical Affairs, 04/18-present

**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

## PEER-REVIEWED PUBLICATIONS

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

1. 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
2. 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”, forthcoming, *Diabetes Care*
3. Togun A, Sankar A, **Karaca-Mandic P** “FDA Safety Warnings and Trends in Testosterone Marketing to Physicians”, forthcoming, *American Journal of Managed Care*
4. Bishop JR, Huang SR, Brown JT et al “Pharmacogenomics education, research, and clinical implementation in the state of Minnesota”, forthcoming, *Pharmacogenomics*
5. Togun A, **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”, forthcoming, *Journal of Managed Care and Specialty Pharmacy*
6. Chang, J, **Karaca-Mandic, P**, Go. RS., Schondelmeyer S, Weisdorf D, Jeffery, M “Site of Care potentially limits cost-savings from biosimilars”, forthcoming, *American Journal of Managed Care*

7. 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", forthcoming, *Lymphatic Research and Biology*
8. 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>
9. 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>
10. 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>
11. 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
12. Levin Z, Choyke K, Georgiou A, Sen S, **Karaca-Mandic P** "Trends in Pediatric Hospitalizations for Coronavirus Disease", *JAMA Pediatrics*, January 11, 2021
13. 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
14. 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
15. **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
16. **Karaca-Mandic P**, Georgiou A, Sen S, "Assessment of COVID-19 Hospitalizations by Race/Ethnicity in 12 States", *JAMA Internal Medicine*, August 17, 2020
17. Sen S. **Karaca-Mandic P**, Georgiou A. "Association of Stay-at-Home Orders With COVID-10 Hospitalizations in 4 States" *JAMA*, May 27, 2020
18. 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
19. 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
20. **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
21. 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

22. 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
23. 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
24. 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)
25. 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
26. 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
27. 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
28. 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
29. 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)
30. 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
31. 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
32. Hung P, Kozhimannil K, Casey M, **Karaca-Mandic P**, Moscovice I. "Rural-Urban Differences in Access to Hospital Obstetric and Neonatal Care: How far is the Closest One", *Journal of Perinatology*, Jun 38(6), 2018
33. 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
34. **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.
35. **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>)

36. **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
37. 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
38. 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
39. 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
40. 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
41. 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
42. 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.
43. **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
44. 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.
45. 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.
46. 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].
47. **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].
48. 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].

49. **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.
50. 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].
51. **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.
52. 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.
53. 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.
54. 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.
55. **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.
56. 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.
57. 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].
58. 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.
59. 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.0000000000000091.
60. 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.
61. **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.

62. **Karaca-Mandic P, Lee J.** "Hospitalizations and Fatalities in Crashes with Light Trucks." *Traffic Injury Prevention*. 2014;15(2):165-71. doi: 10.1080/15389588.2013.803279.
63. Abraham J, **Karaca-Mandic P, Boudreaux M.** "Sizing Up the Individual Market for Health Insurance: A Comparison of Survey and Administrative Data Sources." *Medical Care Research and Review*. 2013 Aug;70(4):418-33. doi: 10.1177/1077558713477206. Epub 2013 Feb 26.
64. **Karaca-Mandic P, Choi Yoo S, Sommers BD.** "Recession Led to a Decline in Out-of-Pocket Spending For Children With Special Health Care Needs." *Health Affairs*. 2013 Jun;32(6):1054-62. doi: 10.1377/hlthaff.2012.1137.
65. Jena A, **Karaca-Mandic P, Weaver L, Seabury S.** "Predicting new diagnoses of human immunodeficiency virus infection using internet search engine data." *Clinical Infectious Diseases*. 2013 May;56(9):1352-3. doi: 10.1093/cid/cit022. Epub 2013 Jan 18.
66. **Karaca-Mandic P, Swenson T, Abraham J, Kane RL.** "Association of Medicare Part D medication out-of-pocket costs with utilization of statin medications." *Health Services Research*. 2013 Aug;48(4):1311-33. doi: 10.1111/1475-6773.12022. Epub 2012 Dec 26.
67. 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.
68. **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.
69. **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.
70. **Karaca-Mandic P, Norton E, Dowd B.** "Interaction Terms in Non-Linear Models." *Health Services Research*. 2012 Feb;47(1 Pt 1):255-74. doi: 10.1111/j.1475-6773.2011.01314.x. Epub 2011 Aug 30.
71. **Karaca-Mandic P, Abraham J, Phelps C.** "How do Health Insurance Loading Fees Vary by Group Size?: Implications for Healthcare Reform." *International Journal of Health Care Finance and Economics*. 2011 Sep;11(3):181-207. doi: 10.1007/s10754-011-9096-4. Epub 2011 Aug 20.
72. **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.
73. **Karaca-Mandic P, McCullough J, Mustaqeem S, Van Houten HK, Shah N.** "The Impact of New Drugs and Biologicals on Colorectal Cancer Treatment and Costs." *Journal of Oncology Practice*. 2011 May;7(3S):e30s-e37s. doi: 10.1200/JOP.2011.000302.
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76. **Karaca-Mandic P, Joyce G, Goldman D, Laouri M.** "Cost Sharing, Family Health Care Burden, and the Use of Specialty Drugs for Rheumatoid Arthritis." *Health Services Research*. 2010 Oct;45(5 Pt 1):1227-50. doi: 10.1111/j.1475-6773.2010.01117.x.



77. Gates S, **Karaca-Mandic P**, Burgdorf B, Kapur K. "Health Savings Accounts for Small Businesses and Entrepreneurs: Shopping, Take-Up and Implementation Challenges." *Open Health Services and Policy Journal*. 2010;3:10-20. doi: 10.2174/18749224001003010010.
78. **Karaca-Mandic P**, Ridgeway G. "Behavioral Impact of Graduated Driver Licensing on Teenage Driving Risk and Exposure." *Journal of Health Economics*. 2010 Jan;29(1):48-61. doi: 10.1016/j.jhealeco.2009.10.002. Epub 2009 Oct 30.
79. 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
80. Joyce G, Goldman D, **Karaca-Mandic P**, Lawless G. "Impact of Specialty Drugs on the Use of Other Medical services for the Treatment of Rheumatoid Arthritis and Multiple Sclerosis." *American Journal of Managed Care*. 2008 Dec;14(12):821-8.
81. 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.
82. 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.
83. 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.,
84. Edlin A, **Karaca-Mandic P**. "The Accident Externality from Driving." *Journal of Political Economy*. 2006 Oct;114(5):931-55.
85. 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.
86. **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.
87. **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)

88. 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
89. **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/>
90. 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)



91. **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
92. **Karaca-Mandic P**, Goldman D, Hedt S, "[Orange County COVID-19 Hospitalizations Up 130% Since June 1](#)", The EVIDENCE BASE, July 16, 2020
93. 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
94. Goldman D, **Karaca-Mandic P**, Hedt S, "[Should We Open California Beaches? Coronavirus Trends Vary by County](#)", The EVIDENCE BASE, April 29, 2020
95. **Karaca-Mandic P**, Hall R, Choyke K. "Key lessons from a Minnesota multi-stakeholder opioid policy forum" *Health Management, Policy, Innovation*, May 2020
96. **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
97. 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
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105. Dowd B, Feldman R, **Karaca-Mandic P**. "Haste in Jettisoning Obamacare will invite chaos", *Star Tribune*, commentary, November 16, 2016

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108. “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
109. **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
110. **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
111. 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
112. 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

## RESEARCH GRANTS AWARDED

- Co-PI “Smart Community Health” from the Minnesota Partnership for Biotechnology and Medical Genomics (University of Minnesota Clinical and Translational Science Institute and Mayo Clinic), \$130,000, 07/01/2021-07/02/2022 (PI: David Haynes)
- PI, “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-PI, “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?"* from the RAND 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 RAND 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 RAND Kauffman Center for the Study of Small Business and Regulation funded by the Kauffman Foundation. \$128,000, 11/2004-10/2006
- *Co-Investigator, "How Changes to the Auditing and Accounting Environment (Sarbanes-Oxley Act of 2002) Affect the Transition of Small Business to Publicly-traded Status,"* from the RAND Kauffman

Center for the Study of Small Business and Regulation funded by the Kauffman Foundation.  
\$130,000, 09/2004-10/2006

## HONORS, AWARDS AND FELLOWSHIPS

- Silver Stevie Award, Most-Valuable Non-Profit Response, 19<sup>th</sup> Annual American Business Awards, **University of Minnesota COVID-19 Hospitalization Tracking Project** (role: Co-Founder, Co-Lead of the project) 04/2021
- Silver Stevie Award, Most-Valuable Service, 19<sup>th</sup> Annual American Business Awards, **University of Minnesota COVID-19 Hospitalization Tracking Project** (role: Co-Founder, Co-Lead of the project) 04/2021
- Innovation that Inspires Award, Association to Advance Collegiate Schools of Business (AACSB) for **University of Minnesota COVID-19 Hospitalization Tracking Project** of Medical Industry Leadership Institute and Management Information Sciences Research Center of the Carlson School of Management (role: Co-Founder, Co-Lead of the project) 04/2021
- Finalist, Digital Media Award, National Institute for Health Care Management Foundation (with co-authors Archelle Georgiou and Soumya Sen), **University of Minnesota COVID-19 Hospitalization Tracking Project** 03/2021
- 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-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-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-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 2000-2001 and 2001-2002
- 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

## SELECTED MENTIONS AND ACKNOWLEDGEMENTS

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>

“How Full Are Hospital I.C.U.s Near You?”, *The New York Times*, article first published December 15, 2020. (**weekly recurring-present**) <https://www.nytimes.com/interactive/2020/us/covid-hospitals-near-you.html>

“Federal Data Reveal Which Hospitals are Dangerously Full This Week. Is Yours?”, *NPR*, article first published December 9, 2020 (**weekly recurring-present**) <https://www.npr.org/sections/health-shots/2020/12/09/944379919/new-data-reveal-which-hospitals-are-dangerously-full-is-yours>

“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

*"Hospitals Serving The Poor Struggled During COVID. Wealthy Hospitals Made Millions", by Laura Sullivan and Huo Jingnan, NPR, May 18, 2021, and heard on All Things Considered (collaborated with NPR team on data analysis and inter[retation])*

*"Stress Tests for Hospital Lenders Mean More Pain for Patients" by Lauren Coleman-Lochner, Bloomberg, May 18, 201*

*"Minnesota Reports 2,454 New COVID-19 Cases, 12 More Deaths", by Chris Snowbeck, Star Tribune, April 10, 2021*

*"A 4th COVID-19 Surge May Be Starting. how Bad Could It Get?", by Rob Stein and Maureen Pho, NPR, April 2, 2021*

*"Epidemiologists Explain What Might Be Behind A Potential Fourth Surge of COVID-19", by Will Stone, aired on NPR: All Things Considered, March 31, 2021*

*"COVID-19 Hospitalization Tracking Project Wins Innovations that Inspire Award",*

<https://carlsonschool.umn.edu/news/covid-19-hospitalization-tracking-project-wins-innovations-inspire-award>, March 30, 2021

*"At Least 19 States Report Rise in Covid Hospitalizations", NBC Nightly News, March 30, 2021*

*"U.S. Covid Cases Are Rising Again, Reversing Months of Progress", by Nic Querolo and Emma Court, Bloomberg, March 25, 2021*

*"The Future of the Pandemic in the U.S.: Experts Look Ahead", by Rob Stein, NPR, March 24, 2021*

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

*"Indiana COVID-19 Hospitalizations Continue to Decline", by Emma Atkinson, Indiana Public Media, February 26, 2021*

*"For Children, the COVID Surge Isn't Over", by Caitlin Owens and Michelle McGhee, Axios, February 24, 2021*

*"Infections Remain Comparatively Rare Among Children but are Rising, the C.D.C. Says", by Roni Caryn Rabin, the New York Times, February 1, 2021*

*"Arizona Sees Small But Growing Numbers of Children, Teenagers Hospitalized For COVID-19", by Melissa Sevigny, KNAU Arizona Public Radio, aired January 26, 2021*

*"Covid-19 Surge Leaves Doctors, Nurses Reeling From Burnout", by Melanie Evans, The Wall Street Journal, January 25, 2021*

*"Why Are So Many More Young Adults Testing Positive for COVID-19", by Robert Glatter, Forbes*

*"With Little Backup and COVID Spread, Florida Hospitals Could Feel Staffing Squeeze Soon", by Samantha J. Gross, Miami Herald, January 21, 2021*

*"Do In-Person Classes Drive Covid-19 Spread? Here's What New Research Reveals.", Advisory Board, January 19, 2021*

*"Hundreds of Children Being Admitted to Arizona Hospitals for COVID-19", Fox 10 Phoenix, Fox 5 New York, Fox 7, Austin, Fox 26, Houston, Fox 32, Chicago, aired January 18, 2021*

*"Banner Health Says Arizona is Seeing a Rise in Kids Being Hospitalized with COVID-19", by Laura Lollman, AZfamily.com, aired January 18, 2021*

*"COVID-19 Hospitalizing More Children, Raising New Worries about Resources", by Dave Pearson, Health Exec, January 18, 2021*



*"New Study Shows Children Hospitalized with COVID has Increased 4,000% in Six Months", by Briana Whitney, AZfamily.com, aired January 15, 2021*

*"Infections Remain Comparatively Rare Among Children but are Rising, the C.D.C Says", The New York Times, January 14, 2021*

*"COVID-19 Hospitalizations Analysis Shows Significant Disparities in the Disease's Impact Across Racial and Ethnic Groups", University of Minnesota Research Brief, January 13, 2021*

*"Study Finds Utah had 5,067% Rise in Pediatric COVID-19 Hospitalizations in 6-month Period", by Carter Williams, KSL.com, January 13, 2021*

*"COVID-19 Hospitalizations Climbed 760% for US Children in 22 States Last Year", by Kelly Gooch, Becker's Hospital Review, January 13, 2021*

*"COVID hospital rates topped 800% for US children", Channle 10/WHEC, aired January 13, 2021*

*"Study: In School Talks, Pay Attention to Pediatric Hospitalizations for COVID-19", by Chelsea Cirruzzo, U.S. News & World Report, January 12, 2021*

*"Dr. Torres on Rate of Covid-related Hospitalizations Among Kids", NBC Nightly News, aired January 11, 2021*

*"Pediatric Hospitalizations for COVID-19", Science Magazine, January 11, 2021*

*"Coronavirus Live Updates: Won't Achieve 'Any Levels' of Herd Immunity in 2021: WHO", by Morgan Winsor and Erin Schumaker, ABC News, January 11, 2021*

*"Rate of Pediatric COVID-19 Hospitalizations has Increased", by Ken Downey Jr., Healio, January 11, 2021*

*"Pediatric Hospitalization for COVID-19 Increasing Across States", HealthDay, January 11, 2021*

*"I-Team: 5 Hospitals in Las Vegas Valley at or Above 100 Percent ICU Capacity", by David Charns and Greg Haas, KLAS 8 News Now, aired January 5, 2021*

*"Two Stearns Residents Among 13 COVID-19-Related Deaths in Minnesota on Monday", KNSI Radio, aired January 4, 2021*

*"It's a Desperate Time': Crush of Covid-19 Patients Strain U.S. Hospitals", by Melanie Evans, Ian Lovett and Christine Mai-Duc, The Wall Street Journal, January 3, 2021*

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

*"Covid-19 Is Pushing University Hospitals to Their Limits", by Jacquelyn Elias, The Chronicle of Higher Education, December 29, 2020*

*"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*

*"Regional Health Experts Warn About Holiday Travel as COVID-19 Hospitalizations Rise", by Shamarria Morrison, WPSD Local 6, aired December 29, 2020*

*"Here's How Full Hospitals in Mecklenburg County Are", by Kimberly Johnson, Patch, December 28, 2020*

*"Fewer St. Cloud Area Hospital Beds in use as State Confirms 75 New COVID-19 Deaths Wednesday", KNSI Radio, aired December 23, 2020*

*"Hospitals Deluged as Vaccine Still Months Away for Most in U.S.", by Nic Querolo and John Tozzi, Bloomberg, December 22, 2020*

*"Nearly Twice as Many Americans are Hospitalized Right Now With COVID-19 Than in Spring", by Nic Querolo, John Tozzi and Bloomberg, Fortune, aired December 22, 2020*

*"COVID-19 Vaccines Come to St. Francis Hospital in Federal Way", Federal Way Mirror, December 21, 2020*

*"Central California Reaches Zero Percent ICU Capacity, Leaving 27 Million Vulnerable", NBC Nightly News, aired December 18, 2020*

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

*"1 In 8 Newton Hospital Beds Occupied by COVID Patients", by Russ Crespolini, Patch, December 17, 2020*

*"The Coronavirus is Filling Hospitals All Over New Jersey. See Your County Here.", by Nick Devlin, NJ.com, December 16, 2020*

*"As Some Hospitals Near 90% Capacity due to COVID-19, This Map Can Tell You if Your Local Hospital is Almost Full", by Quentin Fottrell, MarketWatch, December 14, 2020*

*"As Virus Rages, Texas Intensive Care Units at the Brink", by Madlin Mekelburg, Austin American-Statesman, December 13, 2020*

*"Maryland Hospitals Juggle Mounting COVID-19 Cases but Still Have Beds", by Meredith Cohn and Hallie Miller, The Baltimore Sun, December 12, 2020*

*"Stearns County Faces High COVID-19 Hospital Capacity as State Records 89 New Deaths", KNSI Radio, aired December 10, 2020*

*"COVID-19 Reports: Allegany, Garrett Counties Headed Toward Danger Zone", by Teresa McMinn, Cumberland Times-News, December 10, 2020*

*"There's No Place for Them to Go': I.C.U Beds Near Capacity Across U.S.", by Lauren Leatherby, John Keefe, Lucy Tompkins, Charlie Smart and Matthew Conlen, The New York Times, December 9, 2020*

*"New York State Expects Covid-19 Hospitalizations to Rise in Next Month", by Melanie Grayce West and Joseph De Avila, The Wall Street Journal, December 9, 2020*

*"Crunch Time Looms for Intensive Care Beds as US Faces Dark Pandemic Winter", The Guardian, December 9, 2020*

*"COVID-19 is Complex, as is COVID-19 Open Data", by Kristen Honey, Amy Gleason and Kevin Duvall, U.S. Digital Service, December 9, 2020*

*"How Full are Hospitals in YOUR County? New Interactive Map Reveals Health Care Systems in Rural Parts of Pennsylvania and Kansas are ALREADY Overrun with COVID-19 Patients", by Mary Kekatos, Daily Mail, December 9, 2020*

*"Coronavirus: These Maps Show Hospital and ICU Capacity in Every U.S. County", by Kurt Snibbe, The Sun, December 9, 2020*

*"Coronavirus: These Maps Show Hospital and ICU Capacity in Every U.S. County", by Kurt Snibbe, The Orange Country Register, December 9, 2020*

*"Coronavirus: How Full are Minneapolis-Area Hospitals?", by William Bornhoft, Patch, December 9, 2020*

*"New Map Will Show County-By-County COVID Hospitalization Figures", DecorahNews.com, December 9, 2020*

*"New Data Paints Picture of COVID-19 Hospitalization in Minnesota, Across Nation", by Ben Rodgers, KSTP News, aired December 8, 2020*

*"HHS Releases Data on Hospital Bed Occupancy Amid COVID-19 Pandemic", NBC 5 Chicago, aired December 8, 2020*

*"Hospitalizations Going Up In the Commonwealth", by Khyati Patel, Spectrum News 1, aired December 8, 2020*

*"HHS to Release Hospital-Level COVID-19 Data on Weekly Basis", by Melanie Evans, The Wall Street Journal, December 7, 2020*

*"New COVID-19 Data Release Shows Where Hospitals Around the Country Are Filling Up", NPR, December 7, 2020*

*"Covid-19 Hospitalizations, Single-Day Deaths Hit New U.S. Highs", by Melanie Evans, The Wall Street Journal, December 3, 2020*

*"Coronavirus Disease 2019 (COVID-19): Clinical Manifestations and Diagnosis in Children", UpToDate, November 24, 2020*

*"Federal Data Show Growing Hospital Staff Shortages Across the U.S.", NPR, November 20, 2020*

*"KSTP Medical Expert Weighs in on New Coronavirus Restrictions", KSTP, aired November 18, 2020*

*"Covid's Rampage Means No Medical Cavalry Coming to the Rescue", by John Tozzi and Jonathan Levin, Bloomberg, November 14, 2020*

*"COVID-19 Hospitalizations are Surging. Where Are Hospitals Reaching Capacity?", NPR, November 10, 2020*

*"COVID-19 Patients Swamp Rural Hospitals", by Christine Vestal, PEW Stateline, October 20, 2020*

*"Upward COVID-19 Case Trend in Minnesota Worries Experts", Fox 9 KMSP interview, aired 10/11/2020*

*"New Minnesota COVID-19 Milestone Shows Significant Amount of Virus Transmission, Health Officials Say" by Christopher Snowbeck, Star Tribune, 10/11/2020*

*"Minnesota Adds New COVID-19 Hospital Data; 8 New Deaths, 1,276 New Cases",*

*"Minnesota Department of Health Criticized after changing COVID-19 hospitalization data", KSTP news interview, aired 09/25/2020*

*"COVID-19 Still Spreading Among Young Adults in Minnesota", by Chrstopher Snowbeck, Star Tribune, August 22, 2020, by Jeremy Olson, Star Tribune, 10/08/2020*

*"Carlson School Study on COVID Disparities", PBS Almanac, aired August 21, 2020*

*"Latest on COVID-19 in MN: Stability, But Still Too High", MPR News, August 18, 2020*

*"Minnesota Among States Showing Disparities in COVID-19 Hospitalizations", by Susan Perry, MINNPOST, August 18, 2020*

*"Study Finds Racial and Ethnic Disparities in Covid-19 Hospitalizations", by Naomi Thomas, CNN, August 17, 2020*

*Allso featured on 7News Boston, Jackson Progress-Argus, KION 5/46 News Channel, WLS 890 AM, 104.1 WIKY, 13 WJZ CBS Baltimore, Clayton News-Daily.com, KTEN*

*"Minorities Hit Hardest by COVID-19, Study Confirms", by Robert Preidt, U.S. News and World Report, August 17, 2020*

*"COVID-19 Hospitalizations Analysis Shows Disparities Across Racial and Ethnic Groups", ScienceDaily, August 17, 2020*

*"U of M Researchers: People of Color are Hospitalized for COVID-19 at Higher Rates", by Kevin Doran, KSTP News, aired August 17, 2020*

*"University of Minnesota Study Finds Racial Disparities in COVID-19 Hospitalizations", Fox 9 KMSP, aired August 17, 2020*

*"Analysis: 'Significant Disparities' Found in COVID-19 Hospitalizations in Minnesota, Other States", WCCO News, aired August 17, 2020*

*"COVID-19 Study Finds Racial Disparity in Hospitalizations in Minnesota", by Christopher Snowbeck and Jeremy Olson, Star Tribune, August 17, 2020*

*"The \$1.9 Million Covid Patient", by Melanie Evans, The Wall Street Journal, August 4, 2020*

*"Where the Virus is Sending People to Hospitals", by Lazaro Gamio, Sarah Mervosh, Keith Collins, The New York Times (front page feature), July 23, 2020*

*"U.S. Distribution of Covid-19 Drug Remdesivir Improved But Still Wasn't Enough", by Joseph Walker, The Wall Street Journal, June 5, 2020*

*"Gov. Tim Walz Sticks to Dining Restrictions for Minnesota Restaurants", by Glenn Howatt, Star Tribune, May 28, 2020*

*"Stay-at-Home Orders May Decrease COVID-19 Hospitalizations", University of Minnesota Research Brief, May 5, 2020*

*"Minnesota Officials Cautious After First Week With Fewer COVID-19 Deaths", by Christopher Snowbeck, Star Tribune, May 5, 2020*

*"Where Coronavirus Hospitalizations are Falling", by Bob Herman, AXIOS, May 5, 2020*

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

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

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“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

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“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.

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“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

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## **ORAL PRESENTATIONS OF RESEARCH PROJECTS**

(underlined authors were graduate student trainees and collaborators during the study period)

### **2021**

1. “Merchants of Death: The Effect of Credit Supply Shocks on Hospital Outcomes” (co-author Richard Thakor presented)
  - NBER Summer Institute – Health Care Program, Scheduled 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)
2. “University of Minnesota COVID-19 Hospitalization Tracking Project”, *Informa Healthcare*, July 2021
3. “Competitive Dynamics of Physician Referrals in the Era of Accountable Care Organizations” *Informa Healthcare*, July 2021 (co-author Sohyun Park will present)
4. “Frictions in Healthcare service Consumerism: Case Study on Infliximab”, ASHEcon 2021 (co-author Jessica Chang will present), June 2021
5. “Competitive Dynamics of Physician Referrals in the Era of Accountable Care Organizations”, ASHEcon 2021 (co-author Sohyun Park will present), June 2021
6. “University of Minnesota COVID-19 Hospitalization Tracking Project”, Health Law Institute, Minnesota CLE, June 15, 2021
7. 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

8. Panelist, AcademyHealth, Health Economics Interest Group webinar on “Effectively Building and Managing Research Teams”, April 15, 2021
9. Panelist, SXSW, New Administration, New COVID-19 Federal Datasets, March 18, 2021
10. “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: Horserace 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 Ximedita 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

#### **Mentor**

Committee on the Status of Women in the Economics Profession (CSWEP), Mentor for CeMENT: Mentoring for Junior Faculty, January 2017

Summer Undergraduate Research Fellowship Program, Caltech, Mentor for undergraduate students Summer 2007

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

##### ***Doctoral***

- Dissertation Advisor to PhD candidates Alex Everhart (expected 2021), Andrew Wilcock (2017), Jee-Ae Kim (2013), Tami Swenson (2016)
- Dissertation Committee Member to PhD candidates Adeniyi Togun (expected 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, Health Policy and 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

- Member, Search committee for Director, Technological Leadership Institute 12/2020-01/2021
- Member, University Senate's, Information Technologies Committee 07/2019-present
- Member, University of Minnesota Opioid Advisory Task Force 04/2018-present
- Member, Search committee for Assoc, VP, Academic Clinical Affairs 12/2018-01/2019
- Alternate Member, Faculty Consultative Committee, CSOM 08/2018-present
- 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
- Faculty Consultative Committee / CSOM 2020-2021

**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 (fluent), English (fluent), Serbian/Croatian/Bosnian (fluent)

*Personal:* Married, three children (ages 9, 14 and 18)

*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
- Co-Founder, 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>
- Bridge to Turkiye Fund (BTF) -a U.S. based non-profit NGO,
  - Co-Founder and Co-Lead for the BTF Minnesota Circle, 02/2016-12/2018
  - Led Projects on education and health of underserved children in Turkey