

PINAR KARACA-MANDIC

University of Minnesota,
Department of Finance, Carlson School of Management,
321 19th Avenue South; pkmandic@umn.edu;
<https://carlsonschool.umn.edu/faculty/pinar-karaca-mandic>

EDUCATION

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| 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

Academic Director

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| Medical Industry Leadership Institute, Carlson School of Management University of Minnesota, Minneapolis, MN. | 10/17-present |
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Associate Professor with Tenure

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| Division of Health Policy and Management, School of Public Health, University of Minnesota, Minneapolis, MN. | 07/14-08/17 |
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| Department of Finance, Carlson School of Management University of Minnesota, Minneapolis, MN. | 08/17-present |
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Research Associate

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| National Bureau of Economic Research | 09/14-present |
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Associate Editor

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| Forum for Health Economics and Policy | 10/14-present |
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Editorial Board Member

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| International Journal of Health Economics and Management | 04/17-present |
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Assistant Professor

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| Division of Health Policy and Management, School of Public Health University of Minnesota, Minneapolis, MN | 09/07-06/14 |
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Faculty Research Fellow

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| National Bureau of Economic Research | 05/11-09/14 |
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Core Faculty

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| Institute for Health Informatics Academic Center, University of Minnesota, Minneapolis, MN | 03/18-present |
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Graduate Faculty

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| Department of Applied Economics School of Public Health, Division of Health Policy and Management University of Minnesota, Minneapolis, MN | 12/07-present |
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Faculty Member

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| Minnesota Population Center, University of Minnesota, Minneapolis, MN | 03/08-present |
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Associate Economist

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| RAND Corporation, Santa Monica, CA | 09/04-09/07 |
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ADVISORY/EDITORIAL APPOINTMENTS

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

Member, Opioid Advisory Task Force, University of Minnesota Office of Academic and Clinical Affairs, 04/2018-present

Advisory Committee Member, AcademyHealth Interest Group Advisory Committee for Health Economics, August 2013-May 2016

Academic Advisory Panel, Health Care Cost Institute, University of Minnesota representative, March 2017-October 2017

PEER-REVIEWED PUBLICATIONS

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

1. **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
2. 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
3. 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
4. Yu J, Jena, A, **Karaca-Mandic P**, Golberstein, E “Factors Associated with Psychiatrist Opt-Out from U.S. Medicare”, *J Gen Internal Medicine*, 2019 Aug 16
5. Jeffery M, Hooten M, Jena A, Ross J, Shah N, **Karaca-Mandic P** “Changes in co-prescribing of prescription opioids and benzodiazepines following 2016 Centers for Disease Control and Prevention guidelines”, *JAMA Open*, August 2019; 2(8)
6. 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

7. 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
8. 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
9. 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
10. 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)
11. 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
12. 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
13. Hung P., Kozhimannil K., Casey M, **Karaca-Mandic P.**, Moscovice, I. "Rural-Urban Differences in Access to Hospital Obstretic and Neonatal Care: How far is the Closest One", *Journal of Perinatology*, Jun 38(6), 2018
14. Jeffery M., Shah N, **Karaca-Mandic**, Ross, J. Rank. M. "Trends in Omalizumab Utilization for Asthma: Evidence of Suboptimal Patient Selection" *J Allergy Clin Immunol Pract*. Sep 22, 2017
15. **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*, Jun 2, 2017.
16. **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>)
17. **Karaca-Mandic**, 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
18. 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), September 2017

19. 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
20. 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
21. 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
22. 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
23. 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.
24. **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
25. 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.
26. 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.
27. 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].
28. **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].
29. 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].
30. **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.
31. 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].
32. **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.

33. 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.
34. 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.
35. 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.
36. **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.
37. 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.
38. 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].
39. 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.
40. 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.
41. 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.
42. **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.
43. **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.
44. 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.
45. **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.
46. 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.

47. **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.
48. 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.
49. **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.
50. **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.
51. **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.
52. **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.
53. **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.
54. **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.
55. **Kapur K, Karaca-Mandic P, Gates S, Fulton B.** "Do Small Group Health Insurance Regulations Influence Small Business Size?" *Journal of Risk and Insurance*. 2012 Mar;79(1):231-60. doi: 10.1111/j.1539-6975.2011.01421.x.
56. **Abraham JM, Karaca-Mandic P.** "Regulating the Medical Loss Ratio: Implications for the Individual Market." *American Journal of Managed Care*. 2011;17(3):211-8.
57. **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.
58. **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.
59. **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.
60. **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
61. **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.

62. 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.
63. 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.
64. 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.,
65. Edlin A, **Karaca-Mandic P.** "The Accident Externality from Driving." *Journal of Political Economy*. 2006 Oct;114(5):931-55.
66. 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.
67. **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.
68. **Karaca, P.** "The Object and the Study of Mathematics", Humanistic Mathematics Network Journal, # 16, November 1997 (current journal name is *Journal of Humanistic Mathematics*).

PUBLISHED BOOK CHAPTERS/ EDITORIALS/BRIEFS/WORKING PAPERS

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

69. **Karaca-Mandic P**, Abraham J, Simon K, Feldman R. "Going into the Affordable Care Act: Measuring the Size, Structure and Performance of the Individual and Small Group Markets for Health Insurance." In: Aizborbe A Baker C, Berndt E, Cutler D. (eds.) *Modeling and Measuring Healthcare Costs*. Chicago, IL: University of Chicago Press, University of Chicago Press, 2018
70. **Karaca-Mandic, P.** Meara E., Morden Nancy E. "The growing problem of co-treatment with opioids and benzodiazepines: A Powerful example of potentially dangerous low value care", *BMJ* 2017; 356
71. Sacks D., Vu K. Huang T., Karaca-Mandic, P. "How do insurance firms respond to financial risk sharing regulations? Evidence from the Affordable Care Act", NBER working paper 24129, December 2017, revised July 2019
72. Bairoliya N, **Karaca-Mandic P**, McCullough J, Petrin A. "Consumer Learning, Product Differentiation and the Value of Generic Pharmaceutical Entry", NBER working paper 23662, August 2017
73. Dowd B, Feldman R, **Karaca-Mandic, P.** "Haste in Jettisoning Obamacare will invite chaos", *Star Tribune*, commentary, November 16, 2016
74. Abraham J, **Karaca-Mandic P**, Choi S. "The ABC's of Children's Health: Potential Impact of the Patient Protection and Affordable Care Act." In: Reynolds AJ, Rolnick AJ (eds.) *Health and Education in Early Childhood: Predictors, Interventions, and Policies*. Cambridge University Press, 2015, pp. 327-345
75. Abraham J, **Karaca-Mandic P.** "The Performance of Private Health Insurers in the Commercial Market." In: Culyer C. (ed.) *The Encyclopedia of Health Economics*. Elsevier, 2014

76. "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
77. **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
78. **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
79. 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
80. 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

OTHER CURRENT RESEARCH UNDER PEER-REVIEW

81. Barrie Smith L, Desai N, Dowd B, Everhart A, Herrin J, Higuera L, Jeffery M, Jena A, Ross J, Shah N, **Karaca-Mandic**, P "Changes in utilization of treatments in response to evidence on ineffectiveness or harm: Are there disparities?", under review
82. Sacks D., Vu K, Huang T-Y, **Karaca-Mandic**, P: "The Effect of the Risk Corridors Program on Marketplace Premiums and Participation", *NBER Working Paper*, under review
83. Gu J, Sood N, Escarce J, **Karaca-Mandic** P, Huckfeldt P, "Does vertically integrated care reduce costs and improve patient outcomes? Evidence from skilled nursing facilities", final revision before submission
84. Rojanasarot S, Heins Nesvold J, **Karaca-Mandic** P, St. Peter W, Wolfson J, Schommer J, Carlson A. "Reducing potentially preventable health events among patients with asthma through a multi-state, multi-center quality improvement program", under review
85. Bairoliya N, **Karaca-Mandic** P, McCullough J, Petrin A. "Consumer Learning, Product Differentiation and the Value of Generic Pharmaceutical Entry" *final revision before submission, NBER Working Paper, August 2017*

RESEARCH GRANTS AWARDED

- 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

- 2nd place (out of 18 teams), American Medical Informatics Association App Contest, Co-Principal Investigator (with Steve Johnson) **Team PRISM: PROMIS Reporting and Insight System from Minnesota**, 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, Co-Principal Investigator (with Steve Johnson) of **Team PRISM: PROMIS Reporting and Insight System from Minnesota**. \$35,000 , 03/2019
- Step-Up App Challenge Top 10 finalist, Agency for Healthcare Research and Quality, Co-PI (with Steve Johnson) of **Team PRISM: PROMIS Reporting and Insight System from Minnesota**. \$12,000 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
- 1st 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 MEDIA MENTIONS

“Deals by UnitedHealth, other health giants draw antitrust scrutiny in D.C.”, by Jim Spencer, Star Tribune, 06/22/2019

“Inside your Health: PRISM App”, KSTP 5 EYEWITNESS NEWS, 04/21/2019

“CTSI-supported project wins national award to help patients report health outcomes, featured in Star Tribune”, University of Minnesota Clinical and Translational Science Institute press release, 04/08/2019

“University of Minnesota & Partners Develop Winning Concept to Improve Patient Participation in Healthcare”, University of Minnesota Press Release, 03/11/2019

“Award-winning health care app updating paper questionnaires to smartphone age”, by Joe Carlson, Star Tribune, 03/07/2019

“New App Designed To Help Patients Report Health Outcomes Wins Top Prize from AHRQ”, Agency for Healthcare Research and Quality Press Release, 03/05/2019

“6 Questions on the Future of Healthcare with Pinar Karaca-Mandic”, Medical Alley Association interview, 1/14/2019

“Drug prices are rising. What can be done?” Guest for the live radio show in MPR News of Kerri Miller and Manda Lillie, August 1, 2018

“It's open enrollment season. But you'll see fewer ads for it than ever before.” by Lizzie O’Leary and Peter Balonon-Rosen, Marketplace, October 27, 2017

"Trump is Slashing Obamacare's Budget by 90%." By Sarah Kliff, Vox, August 31, 2017

“Post-acute care: Medicare Advantage vs. traditional Medicare”, by Austin Frakt, *The Incidental Economist*, May 16, 2017

“Uninsured Rate Drops as Obamacare TV Ads Increase From 2013 to 2014”, *HealthDay News, Clinical Advisor, Rheumatology Advisor*, April 04, 2017

“Trump is now in charge of making Obamacare work. What could go wrong?” by Sarah Kliff, *Vox*, March 27, 2017

“No Tall Tale: Ads tied to insurance sign-ups” and “Study Finds link between TV ads and ACA coverage”, by Christopher Snowbeck, *Star Tribune*, March 21, 2017

“Opioid Painkillers and Xanax or Valium a deadly Mix: Study”, by Steven Reinberg, *HealthDay News*, March 15, 2017.

“Another astronomical drug hike: Price of opioid antidote leaps 600%”, by Zlati Meyer, *Detroit Press, USA Today, Deming Headlight, Brookfield Elmgrove NOW, Pensacola News Journal, Cincinnati Enquirer* Feb 13, 2017

“Who is at risk to lose insurance if Affordable Care Act changed or repealed?” *Medical News Today*, January 23, 2017

“Poor, minorities, unemployed most likely to lose insurance if Obamacare is repealed”, by Angela Chen, *CNBC*, January 21, 2017

“Poor, Chronically Sick, Unemployed Most Likely to Lose Coverage if ACA Repealed, Study Finds.”, by Gillian Mohney and Darien Sutton-Ramsey, *NBC News*, Jan 20, 2017

“Minnesota Study Shows Medicare Patients are Commonly Prescribed Opioids at Discharge,” *ASPPH*, August 25, 2016.

“New Opioid Use Common Post-Hospital Discharge among Medicare Beneficiaries,” by Lauren Biscaldi, July 6, 2016.

“Nearly Six in 10 Americans Have Leftover Narcotic at Home,” by Lenny Bernstein, *The Washington Post*, June 13, 2016.

“Majority of Prescription Painkillers Remain in Medicine Chests,” by Brian Krans, *Healthline*, June 15, 2016

“Leftover Opioid Painkillers Get Shared, Raising Risk”, by Alan Mozes, *Healthday, CBS News*, June 14, 2016.

“Opioid Unknowns: US Hospitals Vary Nearly Twofold in Opioid Prescribing Rates,” *Medical Xpress, News Medical*, June 13, 2015.

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

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

“Lax State Oversight Cited for Wide Variability in Premium Increases,” by Bob Herman, *Modern Healthcare*, August 4, 2015.

“Concerns Raised Regarding Delays in Mandatory Drug Death Reporting,” by Carlos Harrison, *Cancer Therapy Advisor*, August 4, 2015.

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

“Drug Companies Delay Reporting Potential Side Effects To FDA,” by Guneet Bhatia, *International Business Times*, July 28, 2015.

“Drug Makers May Delay Reporting Patient Harms to FDA: Study,” by Dennis Thompson, *HealthDay Reporter*, U.S. News and World Report, July 27, 2015. Also featured at abc6News.

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

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

“Drug Companies Delayed Reporting to FDA,” *Minneapolis KARE-11*, July 27, 2015.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

“1 in 3 Medicare Patients Receive Painkillers from Multiple Doctors,” FoxNews, February 21, 2014.

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

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

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

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

“Brokers Vital for Cheaper Health Coverage,” by Kathryn Mayer, LifeHealthPro, August 23, 2013.

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

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

“Better Health Coverage Can Save Money,” *The Associated Press*, June 14, 2013. Also appeared in *The San Francisco Chronicle*.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

“Greater Medication Cost-Sharing Associated with Reduced Use of Asthma Medications by Children,” news release by the *Journal of the American Medical Association*, March 27, 2012.

(http://www.digitalnewsrelease.com/?q=jama_3830)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

"Five Years under the Thumb – Sarbanes-Oxley," *The Economist*, July 26, 2007.

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

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

"GAO: Sarbanes-Oxley Costs are High," Marcy Gordon, *Associated Press* Business Writer, *BusinessWeek*, May 8, 2006.

PRESENTATIONS OF RESEARCH PROJECTS

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

2019

1. "Translation: Insight to Real Life Innovation", Panelist, Women Innovators Conference, University of Minnesota, November 13, Minneapolis, MN
2. "Medical Reversals: Understanding the process of de-adoption", Association for Public Policy Analysis & Management -APPAM, session on "Improving Value in Healthcare " November 7, Denver Colorado
3. "Combating Minnesota's Opioid Epidemic", Medical Industry Leadership Institute Policy Forum, Organizer, speaker, University of Minnesota, Carlson School of Management, October 24, Minneapolis, MN
4. "Managing Interdisciplinary Collaboration", SMS 2019 Extension: Strategy Research in the Healthcare Industry, October 18, Minneapolis, MN
5. "'Shocks' in health policy and practice as occasions to advance strategy research"- Panelist, SMS 2019 Extension: Strategy Research in the Healthcare Industry, October 18, Minneapolis, MN
6. "Convene Conference – ROI of AI", Medical Industry Leadership Institute Policy Forum, Organizer, speaker, University of Minnesota, Carlson School of Management, September 13, Minneapolis, MN
7. "Medical Reversals: Understanding the process of de-adoption", Indiana University, October 3
8. "Medical Reversals: Understanding the process of de-adoption", INFORMS Healthcare, Boston, MA July 27-39
9. "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 (Co-author Molly Jeffery presented)
10. "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
11. "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 (Co-author Molly Jeffery presented)
12. "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 (Co-author A. Everhart presented)
13. "Medical Reversals: Understanding the process of de-adoption" Imperial College London, London, UK, June 17, 2019
14. "Medical Reversals: Understanding the process of de-adoption" London School of Economics, London, UK, June 10, 2019
15. "Variations of De-Adoption Across Physicians and Which Physicians Respond Faster", Bates White Life Sciences Symposium, Washington D.C., May 20, 2019
16. "Medical Reversals: Understanding the process of de-adoption" HALICON, Eden Prairie, MN, March 29, 2019
17. "The Importance of Diverse Datasets" HALICON, Eden Prairie, MN, March 29, 2019
18. "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 Molly Jeffery presented)

2018

1. "The Effect of the Risk Corridors Program on Marketplace Premiums and Participation", with D. Sacks, K. Vu, T-Y Huang, 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 D. Sacks, K. Vu, T-Y Huang, Precision Health Economics, Los Angeles, CA, Feb 7, 2018
3. "Does vertical integration improve care coordination? Evidence from skilled nursing facilities", with P Huckfeldt, J Gu, J Escarce, N Sood, 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 P Huckfeldt, J Gu, J Escarce, N Sood, ASHEcon, Atlanta, GA, June 2018. (Co-author P Huckfeldt presented.)
5. "Changes in co-prescribing of prescription opioids and benzodiazepines following 2016 Centers for Disease Control and Prevention guidelines", with M Jeffery, M. Hooten A Jena, J Ross, N Shah, ASHEcon, Atlanta, GA, June 2018. (Co-author M. Jeffery presented.)
6. "The Effect of the Risk Corridors Program on Marketplace Premiums and Participation", with D. Sacks, K. Vu, T-Y Huang, ASHEcon, Atlanta, GA, June 2018. (Co-author D. Sacks presented.)
7. "Physician Characteristics and De-Implementation of Ineffective or Unsafe Treatments", with L. Higuera, N. Desai, B. Dowd, A. Everhart, J. Herrin, M. Jeffery, A. Jena, J. Ross, N. Shah, 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, N. Desai, B. Dowd, A. Everhart, J. Herrin, L. Higuera, M. Jeffery, A. Jena, J. Ross, N. Shah, 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 M Jeffery, M. Hooten A Jena, J Ross, N Shah, AcademyHealth Annual Research Meeting, Seattle, WA, June 2018 (Co-author M. Jeffery presented.)
10. "Factors Associated with Psychiatrist Opt-Out from U.S. Medicare", with J Yu, A. Jena, 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, N. Desai, B. Dowd, A. Everhart, J. Herrin, L. Higuera, M. Jeffery, A. Jena, J. Ross, N. Shah, 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 A. Everhart, N. Desai, B. Dowd, J. Herrin, L. Higuera, M. Jeffery, A. Jena, J. Ross, N. Shah, L. Smith, 24th Annual Agency for Healthcare Research and Quality (AHRQ) NRSA Trainees Research Conference, June 2018, Seattle, WA. (Co-author A. Everhart 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 Nilay Shah 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 D. Sacks, K. Vu, T-Y Huang, 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 D. Sacks, K. Vu, T-Y Huang, 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 D. Sacks, K. Vu, T-Y Huang, Department of Economics, Vanderbilt University, Nashville, TN, Nov 7, 2017
3. "The Effect of the Risk Corridors Program on Marketplace Premiums and Participation", with D. Sacks, K. Vu, T-Y Huang, 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 L. Weissblum 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 P. Huckfeldt presented.)
7. "Does Vertical Integration of Hospitals with Skilled Nursing Facilities Improve Care Coordination?", with P. Huckfeldt, J. Escarce, N. Sood, Weissblum L, J. Gu, International Health Economics Association World Congress, Boston, MA, July 2017 (Co-author P. Huckfeldt 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 N. Bairoliya 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, 5/5/2017.
11. "Consumer Learning, Product Differentiation and the Value of Generic Pharmaceutical Entry" with Bairoliya N, McCullough J, Petrin A, Midwest Health Economics Conference, May 2017, Minneapolis, MN. (Co-author J. McCullough 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 P. Hung 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 P. Hung 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 P. Hung 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 A. Wilcock presented.)
3. "Impact of a Customized Transparency Tool on Consumer Behavior," with Cuellar A, Jena A, ASHEcon, June 2016. (Co-author A. Cuellar 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 J. McCullough 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 L. Weissblum 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 P. Huckfeldt 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 A. Cuellar 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 S. Gollust 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 J. McCullough 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 7th Australasian Workshop on Econometrics and Health, Manoa, Hawaii, December 11-14, 2015. (Co-author Neha Bairoliya 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 E. Franklin Fowler 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 A. Cuellar 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 M. Boudreaux 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 EE, 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 D. Powell 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 JA Kim 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 J. Abraham 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 S. Choi 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 JA Kim 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 JA Kim 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 T. Swenson 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 CW Lin 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 A. Ben-Ner 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 J. Abraham 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 T. Swenson 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 P. Graven 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 R. Feldman 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 R. Feldman 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 P. Graven 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 J. Abraham 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 G. Joyce 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 J. Abraham 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 R. Feldman 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 S. Choi presented.)
10. "What Affects Medical Loss Ratios in the Individual Market?" with Abraham J, AcademyHealth Annual Research Meeting, Seattle, WA, June 2011. (Co-author J. Abraham 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 J. Abraham 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 S. Choi 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 J. Abraham 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 J. Abraham 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 J. Abraham 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 J. Abraham 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 N. Shah 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 J. Abraham 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 J. Abraham 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 J. Abraham 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 J. Abraham 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 S.Y. Hong 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 N. Maestas 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 N. Maestas 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 E. Kamar 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

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 Co-Advisor to PhD candidates Andrew Wilcock (2017), Jee-Ae Kim (2013), Tami Swenson (2016)
 - Dissertation Committee Member to PhD candidates Adeniyi Togun (expected 2020), Srikan Rojanasarot (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, 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

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 8, 13 and 17)

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