

CURRICULUM VITA

Bisakha “Pia” Sen, Ph.D.

Blue Cross Blue Shield of Alabama Endowed Chair in Health Economics
Department of Health Care Organization & Policy,
School of Public Health, University of Alabama at Birmingham (UAB)
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AREAS OF SPECIALIZATION

Health Policy & Health Economics, Health Services Research, Health Disparities

EDUCATION

- Ph.D. Economics, The Ohio State University, Sep 1998
Dissertation: “Recent Changes in The Relationship Between Marital Dissolution and Women’s Labor Supply Behavior: A Two-Cohort Study using National Longitudinal Survey Data” - Advisor: Patricia Reagan / Committee Members: GS Maddala, Dan Levin, Audrey Light
- M.A. Economics, The Ohio State University, Sep 1993
- B.Sc. Economics (1st Class Honors), University of Calcutta (Presidency College), Jun 1991

POSITIONS & EMPLOYMENT

- 2020- Blue Cross Blue Shield of Alabama Endowed Chair in Health Economics, Department of Health Care Organization & Policy, UAB (<https://sites.uab.edu/bcbsalendowedchair/>)
- 2014 Interim Director, Lister Hill Center for Health Policy, UAB
- 2013- Professor, Department of Health Care Organization & Policy, UAB
- 2007-2013 Associate Professor, Department of Health Care Organization & Policy, UAB
- 2007- Senior Scientist, Diabetes Research & Training Center, UAB
- 2006- Member, Nutrition Obesity Research Center, UAB
- 2002-2007 Assistant Professor, Department of Health Care Organization & Policy, UAB
- 2002- Scholar, Lister Hill Center for Health Policy, UAB
- 1998-2002 Assistant Professor, Department of Economics, University of Central Florida
- 1996-1998 Graduate Teaching Associate, Department of Economics, The Ohio State University
- 1996 Graduate Research Associate, Center for Human Resource Research, The Ohio State University
- 1992-1995 Graduate Teaching Associate, Department of Economics, The Ohio State University

EXPERT COMMITTEES & REVIEW PANELS

- 2021 Scientific Reviewer, NIH Center for Scientific Review (CSR); Risk, Prevention and Health Behavior (RPHB) Integrated Review Group; Special Emphasis Panel
- 2020-2021 Co-Chair, National Academy of Science, Engineering & Medicine Expert Review Committee “Health Economic Effects of Service Dogs for Veterans with PTSD”
- 2019 Scientific Reviewer, NIH Social Sciences and Population Studies B Study Section

Bisakha (Pia) Sen

- 2017 Scientific Reviewer, NIH: ‘PAR 16-24: Accelerating the Pace of Drug Abuse Research Using Existing Data’
- 2015 Scientific Reviewer, NIH/NIDDK/NIA/NCI/NICHD: ‘PAR-12-257, Time-Sensitive Obesity Policy and Program Evaluation’
- 2015 Reviewer, “Cost Analysis for Improving Park Facilities to Promote Park-based Physical Activity”. Commissioned report by Active Living Research, Robert Wood Johnson Foundation
- 2014 Scientific Reviewer, Active Living Research (University of California, San Diego)
- 2013-2014 Member, Scientific Review Committee, American Society for Health Economists.
- 2012-2014 Member, Scientific Executive Committee & Reviewing Committee for 5th International Conference on Women’s Issues in Transportation (Working Group “Health, Safety and Personal Security”)
- 2012-2014 Member, NIH/NICHD Initial Review Group ‘Health, Behavior & Context’ Subcommittee
- 2012 Colateral Reviewer, NIH/NICHD: Scientific Review Group/08 ZHD1 DSR-M (55)
- 2010 Colateral Reviewer, Robert Wood Johnson Foundation, ALR-CFP10
- 2009 Colateral Reviewer, NIH/NICHD: Scientific Review Group/01 ZHD1 DSR-M (HB)
- 2008 Colateral Reviewer, NIH/NICHD: Scientific Review Group/01 ZHD1 DSR-M (HB)
- 2007 Colateral Reviewer, NIH/NICHD: Scientific Review Group/10 ZHD1 DSR-M (HB 1)
- 2006 Colateral reviewer, NIH/NICHD: Scientific Review Group/10 ZHD1 DSR-M (HB)(S)
- 2004-2006 Member, Scientific Review Committee, International Health Economics Association

HONORS

- 2015 Recipient, B-Metro Fusion Award, City of Birmingham
- 2013 Recipient, SMART Honoree Award, The Women’s Fund of Greater Birmingham
- 2012 Recipient, Graduate Dean’s Excellence in Mentorship Award, UAB
- 2012 Finalist, President’s Award for Excellence in Teaching, UAB

PUBLICATIONS

Peer-Reviewed Journal Articles:

**Denotes co-author was a student, postdoctoral fellow, or early career researcher whom I mentored or co-mentored

1. Brisendine AE**, O’Kelley SE, Preskitt JK, **Sen B**, Wingate MS. Testing a Tailored Social-Ecological Model for Autism Spectrum Disorders. *Matern Child Health J.* 2021 Jan. doi: 10.1007/s10995-020-03064-5. Epub ahead of print. PMID: 33394274.

2. Chunn VM**, **Sen B**, O’Connor SJ, Jessee WF, Sasson J, Landry AY. Integration of Cardiologists with Hospitals: Effects on Physician Compensation and Productivity. *Health Care Manag Rev.* 2020 Oct/Dec;45(4):342-352. doi: 10.1097/HMR.000000000000223. PMID: 30299382.

3.Liu Y**, Siegel M, **Sen B**. Neighbors Do Matter: Between-State Firearm Laws and State Firearm-Related Deaths in the U.S., 2000–2017. *Am J Prev Med*. 2020 Nov;59(5):648-657. doi: 10.1016/j.amepre.2020.06.022. PMID: 32943308.

4.Padalabalanarayanan S**, Hanumanthu VS**, **Sen B**. Association of State Stay-at-Home Orders and State-Level African American Population With COVID-19 Case Rates. *JAMA Netw Open*. 2020 Oct;3(10):e2026010. doi: 10.1001/jamanetworkopen.2020.26010. PMID: 33095253. PMCID: PMC7584926.

5.Preskitt J, Johnson H**, Becker D, Ernest J, Fifolt M, Adams J, Strichik T, Ross J, **Sen B**. The persistence of reading and math proficiency: the benefits of Alabama’s pre-kindergarten program endure in elementary and middle school. *ICEP*. 2020 Jul;14,8. <https://doi.org/10.1186/s40723-020-00073-3>

6.**Sen B**, Sharma P, Blackburn J, Morrisey M, Corvey K**, Menachemi N, Caldwell C, Becker D. The Rise in Pediatric Obesity-Related Conditions and Costs in Public Insurance Programs: Evidence from Alabama. *Child Obes*. 2020 Jun;16(4):291-299. doi: 10.1089/chi.2019.0212. PMID: 32216633.

7.Blackburn J, Bennett A, Fifolt M, Rucks AC, Taylor H**, Wolff P, **Sen B**. Pediatric dental care use and parent- or caregiver-rated oral health among Alabama children enrolled in Medicaid. *J Am Dent Assoc*. 2020 Jun;151(6):416-426. doi: 10.1016/j.adaj.2020.02.016. PMID: 32450980.

8.Singleton CR, Young SK, Kesse N, Springfield SE, **Sen BP**. Examining Disparities in Diet Quality between SNAP Participants and Non-Participants using Oaxaca-Blinder Decomposition Analysis. *Prev Med Rep*. 2020 May 28;19:101134. doi: 10.1016/j.pmedr.2020.101134. PMID: 32528823. PMCID: PMC7280767.

9.Hogan TH**, Lemak CH, Hearld LM, Wheeler, J, **Sen BP**, Menachemi N. Vertical Integration into Skilled Nursing Facilities and Hospital Readmission Rates. *J Healthc Qual*. Mar/Apr 2020;42(2):91-97. doi: 10.1097/JHQ.0000000000000237. PMID: 31977364.

10.Blackburn J, Sharma P, Corvey K**, Morrisey MA, Menachemi N, **Sen B**, Caldwell C, Becker D. Assessing the quality measure for follow-up care after children’s psychiatric hospitalizations. *Hosp Pediatr*. 2019 Nov;9(11):834-843. doi: 10.1542/hpeds.2019-0137. PMID: 31636126.

11.Guerard B, Omachonu V, **Sen B**. Reducing Emergency Department Visits among Dual Eligible Patients via a Comprehensive Wellness Assessment. *Popul Health Manag*. 2019 Oct;22(5):415-421. doi: 10.1089/pop.2018.0109. PMID: 30589613.

12.Jain S**, Popple R, Szychowski J, **Sen B**, Locher JL, Kilgore ML. Radiation Oncologist Characteristics and their Association with Outcomes in Patients with Head and Neck Cancer. *Pract Radiat Oncol*. 2019 May;9(3)e322-e330. doi: [10.1016/j.prro.2019.01.001](https://doi.org/10.1016/j.prro.2019.01.001). PMID: 30659934.

13.Hogan TH**, Lemak CH, Hearld, LR, **Sen BP**, Wheeler JRC, Menachemi N. Market and organizational factors associated with hospital vertical integration into sub-acute care. *Health Care*

Manage Rev. 2019 Apr/Jun;44(2):137-147. doi: 10.1097/HMR.000000000000199. PMID: 29642087.

14. Epane JP, Weech-Maldonado R, Hearld L, Menachemi N, **Sen B**, O'Connor S, Ramamonjarivelo Z. Hospitals' Use of Hospitalists: Implications for Financial Performance. *Health Care Manag Rev.* 2019 Jan/Mar;44(1):10-18. doi: 10.1097/HMR.000000000000170. PMID: 28700508.

15. **Sen BP**, Blackburn J, Morrisey MA, Kilgore ML, Menachemi N, Caldwell C, Becker DJ. Impact of Mental Health Parity and Addiction Equity Act on Costs and Utilization in Alabama's Children's Health Insurance Program. *Acad Pediatr.* 2019 Jan-Feb;19(1):27-34. <https://doi.org/10.1016/j.acap.2018.07.014>. PMID: 30077675.

16. Aswani MS**, Kilgore ML, Becker DJ, Redden DT, **Sen B**, Blackburn J. Differential Impact of Hospital and Community Factors on Medicare Readmission Penalties. *Health Serv Res.* 2018 Dec;53(6):4416-4436. doi: [10.1111/1475-6773.13030](https://doi.org/10.1111/1475-6773.13030). PMID: 30151882. PMCID: PMC6232392. (Winner of the 2019 International Health Economics Association best student paper)

17. Hilliard LM, Kulkarni V, **Sen B**, Caldwell C, Bemrich-Stolz C, Howard TH, Brandow A, Waite E, Lebensburger JD. Red blood cell transfusion therapy for sickle cell patients with frequent painful events. *Pediatr Blood Cancer.* 2018 Dec;65(12):e27423. doi: 10.1002/pbc.27423. PMID: 30152184. PMCID: PMC6193814.

18. Bronstein J, **Sen B**, Morrisey M, Blackburn J, Kilgore M, Engler S, Smith W. Assessing the Impact of Case Management on Medicaid Clients with Chronic Diseases. *Soc Work Public Health,* 2018;33(4),215-225. doi: [10.1080/19371918.2018.1454867](https://doi.org/10.1080/19371918.2018.1454867). PMID: 29608417.

19. Guerard B, Omachonu V, Perez B, **Sen B**. The Effectiveness of a Comprehensive Wellness Assessment on Medication Adherence in a Medicare Advantage Plan Diabetic Population. *J Healthc Manag.* 2018 Mar-Apr;63(2):132-141. doi: [10.1097/JHM-D-16-00034](https://doi.org/10.1097/JHM-D-16-00034). PMID: 29533324.

20. Singleton CR**, Opoku-Agyeman W, Affuso E, Baskin ML, Levitan EB, **Sen B**, Affuso O. WIC Cash Value Voucher Redemption Behavior in Jefferson County, Alabama, and Its Association With Fruit and Vegetable Consumption. *Am J Health Promot.* 2018 Feb;32(2):325-333. doi: 10.1177/0890117117730807. PMID: 28950724.

21. Blackburn J, Morrisey MA, **Sen B**. The Benefit of Early Preventive Dental Care for Children-Reply. *JAMA Pediatr.* 2017;171(9):918-919. doi: [10.1001/jamapediatrics.2017.2060](https://doi.org/10.1001/jamapediatrics.2017.2060). PMID: 28759673.

22. Singleton CR**, Baskin M, Levitan EB, **Sen B**, Affuso E, Affuso O. Perceived Barriers and Facilitators of Farm-to-Consumer Retail Outlet Use Among Participants of the Special Supplemental Nutrition Program for Women, Infants, and Children (WIC) in Alabama. *J Hunger Environ Nutr.* 2017;12(2):237-250. doi: 10.1080/19320248.2016.1157550

23. Patidar N**, Weech-Maldonado R, O'Connor SJ, **Sen BP**, Trimm JM, Camargo CA. Impact of the Presence of Freestanding Emergency Departments in Market on the Healthcare Cost. *Acad Manage*. 2017 Nov 30. <https://doi.org/10.5465/ambpp.2016.17888abstract>

24. Patidar N**, Weech-Maldonado R, O'Connor SJ, **Sen B**, Trimm JM, Camargo CA. Contextual Factors Associated with Hospitals' Decision to Operate Freestanding Emergency Departments. *Health Care Manage Rev*. 2017 Jul/Sep;42(3):269-279. doi: 10.1097/HMR.000000000000113. PMID: 27309191.

25. Goldfarb SS, Locher JL, Preskitt J, Becker D, Davies SL, **Sen B**. Associations between participation in family activities and adolescent school problems. *Child Care Health Dev*. 2017 May;43(3):361-368. doi: 10.1111/cch.12434. PMID: 28101953.

26. Xin H**, Kilgore ML, **Sen B**. Is Access to and Use of Patient Perceived Patient-Centered Medical Homes Associated With Reduced Nonurgent Emergency Department Use? *Am J Med Qual*. 2017 May/Jun;32(3):246-253. doi: 10.1177/1062860616641757

27. Tajeu GS**, **Sen B**. New Pathways From Short Sleep to Obesity? Associations Between Short Sleep and "Secondary" Eating and Drinking Behavior. *Am J Health Promot*. 2017 May;31(3):181-188. doi: 10.4278/ajhp.140509-QUAN-198

28. Blackburn J, Morrissey MA, **Sen B**. Outcomes Associated With Early Preventive Dental Care Among Medicaid-Enrolled Children in Alabama. *JAMA Pediatr*. 2017 Apr;171(4):335-341. doi: 10.1001/jamapediatrics.2016.4514. PMID: 28241184. PMCID: PMC5470412.

29. Guerard B, Omachonu V, Hernandez SR, **Sen, B**. Chronic Conditions and Self-Reported Health in a Medicare Advantage Plan Population. *Popul Health Manag*. 2017 Apr;20(2):132-138. doi: 10.1089/pop.2016.0013. PMID: 27419921.

30. Patidar N, Weech-Maldonado R, O'Connor SJ, **Sen B**, Trimm JM, Camargo CA. Freestanding Emergency Departments Are Associated with Higher Medicare Costs: A Longitudinal Panel Data Analysis. *Inquiry*. 2017 Jan 1;54:46958017727106. doi: 10.1177/0046958017727106. PMID: 28853305. PMCID: PMC5798671.

31. Xin H**, Kilgore ML, **Sen BP**. Is Access to and Use of Primary Care Practices that Patients Perceive as Having Essential Qualities of a Patient-Centered Medical Home Associated With Positive Patient Experience? Empirical Evidence From a U.S. Nationally Representative Sample. *J Healthc Qual*. 2017 Jan/Feb;39(1):4-14. doi: [10.1097/01.JHQ.0000462688.01125.c2](https://doi.org/10.1097/01.JHQ.0000462688.01125.c2)

32. Blackburn J, Becker DJ, Morrissey MA, Kilgore ML, **Sen B**, Caldwell C, Menachemi N. An assessment of the CHIP/Medicaid quality measure for ADHD. *Am J Manag Care*. 2017 Jan 1;23(1):e1-e9. Retrieved from <https://pubmed.ncbi.nlm.nih.gov/28141934/>. PMID: 28141934.

33. Guerard B, Omachonu V, Perez B, **Sen B**. Improvement in Oral Diabetes Medication Adherence after a Comprehensive Wellness Assessment in a Dual Eligible Population. *Popul Health Manag*. 2016 Dec;19(6):405-413. doi: 10.1089/pop.2015.0132

34. **Sen B**, Blackburn J, Kilgore ML, Morrissey MA, Becker DJ, Caldwell C, Menachemi N. Preventive Dental Care and Long-Term Dental Outcomes among ALL Kids Enrollees. *Health Serv Res.* 2016 Dec;51(6):2242-2257. doi: 10.1111/1475-6773.12469. PMID: 26927421. PMCID: PMC5134206.

35. Collum TH**, Menachemi N, **Sen B**. Does electronic health record use improve hospital financial performance? Evidence from panel data. *Health Care Manage Rev.* 2016 Jul-Sep;41(3):267-274. doi: 10.1097/HMR.0000000000000068. PMID: 26052785.

36. Singleton CR**, Baskin M, Levitan EB, **Sen B**, Affuso E, Affuso O. Farm-to-Consumer Retail Outlet Use, Fruit and Vegetable Intake, and Obesity Status among WIC Program Participants in Alabama. *Am J Health Behav.* 2016 Jul;40(4):446-454. doi: [10.5993/AJHB.40.4.6](https://doi.org/10.5993/AJHB.40.4.6)

37. Guerard B, Omachonu V, Harvey RA, Hernandez SR, **Sen B**. The Influence of Respondent Characteristics on the Validity of Self-Reported Survey Responses. *Health Serv Res.* 2016 Jun;51(3):937-952. doi: [10.1111/1475-6773.12356](https://doi.org/10.1111/1475-6773.12356). PMID: 26369710. PMCID: PMC4874833.

38. Goldsby TU, Yeager V, **Sen B**, Ferdinand A, Taylor D, Manzella B, Menachemi N. Impact Of Changing An Urban Environment On Pediatric Obesity Rates: Evidence From A Quasi-experiment. *Med Sci Sports Exerc.* 2016 May;48(5S Suppl 1):664. doi: [10.1249/01.mss.0000486991.56755.60](https://doi.org/10.1249/01.mss.0000486991.56755.60)

39. Goldsby TU, George BJ, Yeager VA, **Sen BP**, Ferdinand A, Sims DM, Manzella B, Skinner AC, Allison DB, Menachemi N. Urban Park Development and Pediatric Obesity Rates: A Quasi-Experiment Using Electronic Health Record Data. *Int J Environ Res Public Health.* 2016 Apr;13(4):411. doi: [10.3390/ijerph13040411](https://doi.org/10.3390/ijerph13040411)

40. Morrissey MA, Blackburn J, Becker DJ, **Sen B**, Kilgore ML, Caldwell C, Menachemi N. The Great Recession of 2007-2009 and Public Insurance Coverage for Children in Alabama: Enrollment and Claims Data from 1999-2011. *Public Health Rep.* 2016 Mar-Apr;131(2):348-356. doi: [10.1177/003335491613100219](https://doi.org/10.1177/003335491613100219)

41. Singleton CR**, Affuso O, **Sen B**. Decomposing Racial Disparities in Obesity Prevalence: Variations in Retail Food Environment. *Am J Prev Med.* 2016 Mar;50(3):365-372. doi: [10.1016/j.amepre.2015.08.004](https://doi.org/10.1016/j.amepre.2015.08.004). PMID: 26507301. PMCID: PMC4762716.

42. Bronstein JM, Morrissey MA, **Sen B**, Engler S, Smith WK. Initial Impacts of the Patient Care Networks of Alabama Initiative. *Health Serv Res.* 2016 Feb;51(1):146-166. doi: [10.1111/1475-6773.12319](https://doi.org/10.1111/1475-6773.12319). PMID: 26058985. PMCID: PMC4722207.

43. **Sen B**, Blackburn J, Aswani MS**, Morrissey MA, Becker DJ, Kilgore ML, Caldwell C, Sellers C, Menachemi N. Health Expenditure Concentration and Characteristics of High-Cost Enrollees in CHIP. *Inquiry.* 2016 Jan-Dec;53:0046958016645000. doi: [10.1177/0046958016645000](https://doi.org/10.1177/0046958016645000). PMID: 27166411. PMCID: PMC5798702.

44. Casazza K, Brown A, Astrup A, Bertz F, Baum C, Brown MB, Dawson J, Durant N, Dutton G, Fields DA, Fontaine KR, Levitsky D, Mehta T, Menachemi N, Newby PK, Pate R, Raynor H, Rolls B, **Sen B**, Smith DL, Thomas D, Wansink B, Allison DB. Weighing the Evidence of Common

Beliefs in Obesity Research. *Crit Rev Food Sci Nutr*. 2015 Dec 6;55(14):2014-2053. doi: 10.1080/10408398.2014.922044. PMID: 24950157. PMCID: PMC4272668.

45. Goldfarb SS, Tarver WL, Locher JL, Preskitt J, **Sen B**. A systematic review of the association between family meals and adolescent risk outcomes. *J Adolesc*. 2015 Oct;44:134-149. doi: 10.1016/j.adolescence.2015.07.008. PMID: 26275745.

46. Xin H, Kilgore ML, Menachemi N, **Sen B**. The relationships between access to and use of a patient-centered medical home and healthcare utilization and costs: A cohort study using Medical Expenditure Panel Survey data from 2007 to 2010. *Health Serv Manage Res*. 2015 Sep;27(3-4):70-81. doi: 10.1177/0951484815602503

47. Xin H**, Kilgore ML, **Sen BP**, Blackburn J. Can Nonurgent Emergency Department Care Costs be Reduced? Empirical Evidence from a U.S. Nationally Representative Sample. *J Emerg Med*. 2015 Sep;49(3):347-354. doi: 10.1016/j.jemermed.2015.01.034

48. Singleton CR**, **Sen B**, Affuso O. Disparities in the Availability of Farmers Markets in the United States. *Environ Justice*. 2015 Aug;8(4):135-143. doi:10.1089/env.2015.0011. PMID: 27746854. PMCID: PMC5063235.

49. Drewry J**, **Sen B**, Wingate M, Bronstein J, Foster EM, Kotelchuck M. The impact of the State Children's Health Insurance Program's unborn child ruling expansions on foreign-born Latina prenatal care and birth outcomes, 2000-2007. *Matern Child Health J*. 2015 Jul;19(7):1464-1471. doi: 10.1007/s10995-014-1650-5. PMID: 30077675.

50. Morrissey MA, Blackburn J, Becker DJ, **Sen B**, Kilgore ML, Caldwell C, Menachemi N. Adverse Selection in the Children's Health Insurance Program. *Inquiry*. 2015 Jul 5;52:0046958015593559. doi: 10.1177/0046958015593559. PMID: 26428203. PMCID: PMC5813640.

51. Becker DJ, Blackburn J, Morrissey MA, **Sen B**, Kilgore ML, Caldwell C, Sellers C, Menachemi N. Enrollment, expenditures, and utilization after CHIP expansion: evidence from Alabama. *Acad Pediatr*. 2015 May-Jun;15(3):258-266. doi: 10.1016/j.acap.2015.01.006

52. Ferdinand AO**, Menachemi N, Blackburn JL, **Sen B**, Nelson L, Morrissey M. The impact of texting bans on motor vehicle crash-related hospitalizations. *Am J Public Health*. 2015 May;105(5):859-865. doi: 10.2105/AJPH.2014.302537. PMID: 25790409. PMCID: PMC4386499.

53. Albright KC, Boehme AK, Mullen MT, Wu TC, Branas CC, Grotta JC, Savitz SI, Wolff C, **Sen B**, Carr BG. The Effect of Telemedicine on Access to Acute Stroke Care in Texas: The Story of Age Inequalities. *Stroke Res Treat*. 2015;2015:813493. doi: 10.1155/2015/813493. PMID: 26543664. PMCID: PMC4620387.

54. Upadhyay S**, **Sen B**, Smith D. The Cash Conversion Cycle and Profitability: A Study of Hospitals in the State of Washington. *J Health Care Finance*. 2015 spring;41(4). Retrieved from file:///C:/Users/jmcdouga/Downloads/29-57-1-SM.pdf

55. Flagg LA**, Sen B, Kilgore M, Locher JL. The influence of gender, age, education and household size on meal preparation and food shopping responsibilities. *Public Health Nutr.* 2014 Sep;17(9):2061-2070. doi: [10.1017/S1368980013002267](https://doi.org/10.1017/S1368980013002267)

56. Ferdinand AO**, Menachemi N, Sen B, Blackburn JL, Morrisey M, Nelson L. Impact of texting laws on motor vehicular fatalities in the United States. *Am J Public Health.* 2014 Aug;104(8):1370-1377. doi: [10.2105/AJPH.2014.301894](https://doi.org/10.2105/AJPH.2014.301894). PMID: 24922151. PMCID: PMC4103220.

57. Sen B. Using the Oaxaca-Blinder decomposition as an empirical tool to analyze racial disparities in obesity. *Obesity (Silver Spring).* 2014 Jul;22(7):1750-1755. doi: [10.1002/oby.20755](https://doi.org/10.1002/oby.20755). PMID: 24733610.

58. Sen B, Blackburn J, Morrisey M, Becker D, Kilgore M, Caldwell C, Menachemi N. Can increases in CHIP copayments reduce program expenditures on prescription drugs? Medicare Medicaid Res Rev. 2014 May 20;4(2):mmrr2014.004.02.a03. doi: [10.5600/mmrr.004.02.a03](https://doi.org/10.5600/mmrr.004.02.a03). PMID: 24967148. PMCID: PMC4063370.

59. Yeager VA**, Menachemi N, Savage GT, Ginter PM, Sen BP, Beitsch LM. Using resource dependency theory to measure the environment in health care organizational studies: a systematic review of the literature. *Health Care Manage Rev.* 2014 Jan-Mar;39(1):50-65. doi: [10.1097/HMR.0b013e3182826624](https://doi.org/10.1097/HMR.0b013e3182826624). PMID: 23358132.

60. Goldfarb S**, Tarver WL**, Sen, B. Family structure and risk behaviors: the role of the family meal in assessing likelihood of adolescent risk behaviors. *Psychol Res Behav Manag.* 2014;7:53-66. doi: [10.2147/PRBM.S40461](https://doi.org/10.2147/PRBM.S40461). PMID: 24627645. PMCID: PMC3931580.

61. Sen, B., Patidar, N.**, & Thomas, S**. (2014). A silver lining to higher prices at the pump? Gasoline prices and teen driving behaviors. *Am J Health Promot*, 28(3), 146-154. doi:[10.4278/ajhp.120926-QUAN-471](https://doi.org/10.4278/ajhp.120926-QUAN-471)

62. Blackburn J, Becker DJ, Sen B, Morrisey MA, Caldwell C, Menachemi N. Characteristics of low-severity emergency department use among CHIP enrollees. *Am J Manag Care.* 2013 Dec;19(12):e391-e399. Retrieved from <https://pubmed.ncbi.nlm.nih.gov/24512087/>

63. Menachemi N, Tajeu G**, Sen B, Ferdinand AO**, Singleton C, Utley J, Affuso O, Allison DB. Overstatement of results in the nutrition and obesity peer-reviewed literature. *Am J Prev Med.* 2013 Nov;45(5):615-621. doi: [10.1016/j.amepre.2013.06.019](https://doi.org/10.1016/j.amepre.2013.06.019). PMID: 24139775.

64. Becker DJ, Blackburn J, Morrisey MA, Sen B, Kilgore ML, Caldwell C, Menachemi N. Co-payments and the use of emergency department services in the children's health insurance program. *Med Care Res Rev.* 2013 Oct;70(5):514-530. doi: [10.1177/1077558713491501](https://doi.org/10.1177/1077558713491501)

65. Menachemi N, Blackburn J, Becker DJ, Morrisey MA, Sen B, Caldwell C. Measuring prevention more broadly: an empirical assessment of CHIPRA core measures. Medicare Medicaid Res Rev. 2013 Aug;3(3):mmrr.003.03.a04. doi: [10.5600/mmrr.003.03.a04](https://doi.org/10.5600/mmrr.003.03.a04)

66. **Sen B**, Blackburn J, Morrisey MA, Kilgore ML, Becker DJ, Caldwell C, Menachemi N. Effectiveness of preventive dental visits in reducing nonpreventive dental visits and expenditures. *Pediatrics*. 2013 Jun;131(6):1107-1113. doi: [10.1542/peds.2012-2586](https://doi.org/10.1542/peds.2012-2586)
67. Yeager VA**, Menachemi N, Ginter PM, **Sen BP**, Savage GT, Beitsch LM. Environmental factors and quality improvement in county and local health departments. *J Public Health Manag Pract*. 2013 May-Jun;19(3):240-249. doi: [10.1097/PHH.0b013e31825f74b2](https://doi.org/10.1097/PHH.0b013e31825f74b2)
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Panjapirom A, **Sen B.** “Firearm Deaths & State Background Checks: Evidence on What Works and What Does Not” in Assaults: Prevalence, Prevention, and Psychological Implications, ed. Gotsiridze-Columbus N. Nova Science Publishers, Inc. Hauppauge, NY.

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Reports & Monographs (Selected):

Becker DJ, Sharma P, Blackburn JL, **Sen B,** Kilgore ML, Corvey K, Morrisey MA, Menachemi N, Caldwell C. “An Assessment of the Financial Impact of the Potential Termination of the Children’s Health Insurance Program on Current Enrollees in Alabama”. UAB School of Public Health, Department of Health Care Organization and Policy, Health Policy Brief Series. 2017 Oct;2(1). PDF provided upon request.

Guerard B, **Sen B.** “Analysis of a Post Hospitalization Transitions Clinic in a Medicare Advantage Plan Population”. Research Report commissioned by Peoples Health, Louisiana. Nov 2013.

Allison D, Affuso O, Menachemi N, **Sen B,** Gadbury G. “Toward Standardized Measurement Systems for Rating and Ranking the Fidelity of Research Reporting in the Nutrition and Obesity Literature: Preliminary Construct Validation”. Research Report. Dec 2011.

Sen B. “Assessing the Impact of Green Spaces on Physical Activity (PA) & Healthcare Costs in Jefferson County, AL”. Evaluation Abstract. Sep 2011. Retrieved from <http://media.al.com/spotnews/other/UAB%20%20abstract--%20Assessing%20the%20Impact%20of%20Green%20Spaces%20on%20Physical%20Activity.pdf>

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Singleton C, Affuso O, **Sen B**. "Abstract P118: County-Level Disparities in the Availability of Farmers Markets in the United States: An Ecological Study”. *Circulation* 2014;129:AP118. Accessed from https://www.ahajournals.org/doi/10.1161/circ.129.suppl_1.p118

Albright K, Boehme A, **Sen B**, Mullen M, Gonzales N, Savitz S, Martin-Schild S. “Stroke Severity in Men and Women: What Proportion of the Disparity Can Be Explained by Differences in Cardiovascular Risk Factors?” *Neurology*. 2014 Apr;82(10):S12.005. Accessed from https://n.neurology.org/content/82/10_Supplement/S12.005

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INVITED & SPONSORED PRESENTATIONS

Morrissey M. Future of the Affordable Care Act? Virtual Facilitated Discussion (**Sen B**, Facilitator). *Blue Cross Blue Shield of Alabama Endowed Chair in Health Economics Sponsored Seminar*. Nov 2020.

Sen, B. “Neighborhood Level Social Determinants of Health & Health Outcomes for Publicly Insured Children in Alabama: In Search of Known Unknowns and Unknown Unknowns.” *Scientific Community of Outcomes Researchers & Centers for Outcomes & Effectiveness Research & Education (COERE)*, UAB School of Medicine, Feb 2020.

Sen B. “Analysis: The Generalized Difference-in-Difference Model”. 3rd NIH-funded Short Course ‘*Strengthening Causal Inference in Behavioral Obesity Research*’. Indiana University, Bloomington, Indiana. Jul 2019.

Sen B. “Evaluating the strength of evidence: Bias, Confounding, and Causality.” In “Introduction to Outcomes Research.” *T32 Sponsored Outcomes Research Training Program*, Department of Surgery, UAB School of Medicine. June 2019.

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Sen, B. “Gun Policy & Gun Deaths: A Public Health Research Perspective.” *Healthcare Perspectives on Gun Violence*, sponsored by Moms Demand Action for Gun Sense, Alabama Branch. Birmingham, Alabama. January 2019.

Sen B. “Health Policy 101: A Quick Overview of Health Policy Research & Some Useful Empirical Tools”. *Health Disparities Research Training Program*, Minority Health & Health Disparities Research Center, UAB. May 2018.

Guerard B, Omachonu V & **Sen B.** “Peoples Health case study: Using data to measure performance and tell your story & Partnering with Academics.” *Clinical Value Visits’ Meeting*, Health Plan Alliance, Orlando, Florida. Nov 2017.

Sen B. “Health Policy 101: A Quick Overview of Health Policy Research & Some Useful Empirical Tools”. *Health Disparities Research Training Program*, Minority Health & Health Disparities Research Center, UAB. May 2017.

Sen B. “An Introduction to Regression Discontinuity as a Tool for Causal Inference”. 2nd Short Course (R25HL124208) *‘Strengthening Causal Inference in Behavioral Obesity Research’*. Nutrition & Obesity Research Center, UAB. Jul 2016.

Sen B. “Instrumental Variable Approaches: Potential Applications in Obesity”. 3rd Short Course (R25DK099080) *‘The Mathematical Sciences in Obesity’*. Nutrition & Obesity Research Center, UAB. Jun 2016.

Sen B. “Does Pediatric Preventive Dental Care Improve Subsequent Dental Outcomes for Children? Musings on Challenges, Methods Available, Policy Recommendations & Future Research Directions in a World of Limited Options!” Research Seminar. Texas A&M University, College Station, TX. May 2016.

Sen B. “Quasi-Experimental Analyses: Real World Case Studies”. 1st Short Course (R25HL124208) *‘Strengthening Causal Inference in Behavioral Obesity Research’*. Nutrition & Obesity Research Center, UAB. Jul 2015.

Sen B. “Bringing Tools from the Field of Economics to Better Understand Disparities in Obesity”. Invited Talk, 2nd Short Course (R25DK099080) *‘The Mathematical Sciences in Obesity’*. Nutrition & Obesity Research Center, UAB. Jun 2015.

Sen B. “A Quick Overview of Health Policy Research & Some Useful Empirical Tools”. *Health Disparities Research Training Program*, Minority Health & Health Disparities Research Center, UAB. Feb 2015.

Sen B. “Patient Protection & Affordable Care Act a.k.a ‘Obamacare’: Current Status, Future Implications”. Oral Presentation, *Birmingham Business Leaders’ Roundtable*, Birmingham, AL. Jan 2014.

Sen B. “‘Obamacare’: Current status & Future implications”. Presented to the *Downtown Rotary Club of Birmingham*, Birmingham, AL. Nov. 2013.

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Sen, B. “Economics and Affordable Healthcare.” *The Progress Study Club*. Mountain Brook, Alabama. Nov 2012.

Ferdinand A, Rahurkar S, Upadhyay D, Menachemi N, **Sen B.** “Do Abstracts Accurately Reflect the Paper? An Examination of the Built Environment & Physical activity Literature”.

Oral Presentation, *Scientific Approaches to Strengthening Research Integrity in Nutrition and Energetics*. Nutrition & Obesity Research Center, UAB. New Paltz, NY. Aug 2012.

CONFERENCE PRESENTATIONS (Selected)

Sen B, Joseph R. Political Sentiment about President Obama and Insurance Status Following The Affordable Care Act (ACA). Oral presentation, *Western Economics Association International*. 15th International Conference. Tokyo, Japan. 2019

Becker DJ, Sharma P, Blackburn J, Corvey K, Kilgore M, Menachemi N, **Sen B,** Caldwell C. Large Copayments and Emergency Department Utilization in the Children's Health Insurance Program. Oral presentation, *American Society of Health Economists Annual Meeting*. Emory University. Atlanta, GA. 2018.

Sen B, Joseph R. Political Sentiment, Insurance Status and Adverse Selection Following Passage of ACA. Oral presentation, *Western Economic Association International*. 94th Annual Conference. Vancouver, BC, Canada. 2018.

Sen B, Joseph R, Pisu M. How Did The Patient Protection & Affordable Care Act Impact Health Disparities Within the Gulf States, and Between Gulf States and Rest of the Nation? Oral Presentation, *UAB Health Disparities Research Symposium*. Birmingham AL. Mar 2018.

Chunn VM, Landry AY, O'Connor SJ, Jessee WF, Sasson J, **Sen B.** Vertical Integration of Cardiologists with Hospitals and Its Effect on Physician Compensation and Clinical Productivity. Oral presentation, *Academy of Management*. Atlanta, GA. 2017

Blackburn JL, **Sen B,** Becker D. “Racial and rural/urban differences in accessing preventive dental care and its effectiveness in preventing caries-related visits among publicly insured children”. Poster Presentation, *AcademyHealth Annual Research Meeting*. 2017

Patidar N, Weech-Maldonado R, O'Connor SJ, **Sen B,** Trimm JM, Camargo CA. Impact of the Presence of Freestanding Emergency Departments in Market on the Healthcare Cost. Oral presentation, *Academy of Management*. Anaheim, CA. 2016.

Epane JP, Weech-Maldonado R, Hearld L, **Sen B,** Ramomonjiarivelo Z, O'Connor SJ. Hospital Financial Performance: Implications for the Use of Hospitalists. Oral presentation, *European Academy of Management*. Paris, France. 2016.

Sen B, Blackburn J, Kilgore M, Becker D, Morrissey M, Caldwell C, Menachemi N. “Disparities in Mood Disorder Episodes & Diagnosis in Different Settings: What Can We Learn?” Poster Presentation, 33rd *AcademyHealth Annual Research Meeting*. Boston, MA. Jun 2016.

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Blackburn J, Morrisey M, **Sen B**. “Outcomes associated with early preventive dental care among Medicaid-enrolled children in Alabama”. Poster Presentation, *33rd AcademyHealth Annual Research Meeting*. Boston, MA. Jun 2016.

Sen B, Guerard B, Omachonu V, Perez B. “Improvement in Medication Adherence after a Comprehensive Wellness Assessment in a Dual Eligible Population of Diabetic Patients”. Poster Presentation, *33rd AcademyHealth Annual Research Meeting*. Boston, MA. Jun 2016.

Xie R, Blackburn J, **Sen B**. “The Deepwater Horizon Oil Spill’s Health Impacts on Vulnerable Residents in the Alabama Gulf Coast”. Oral Presentation, *2016 Gulf of Mexico Oil Spill and Ecosystem Science Conference*. Tampa, FL. Feb 2016.

Sen B, Blackburn J, Kilgore M, Morrisey M, Becker DJ, Caldwell C, Menachemi N. “Does Pediatric Preventive Dental Care Improve Long-Term Dental Outcomes for Children?” Oral Presentation, *11th World Congress on Health Economics, International Health Economics Association*. Milan, Italy. Jul 2015.

Becker DJ, Blackburn J, Morrisey MA, **Sen B**, Kilgore ML, Caldwell C, Menachemi N. “The Impact of Continuity of Primary Care On Hospitalizations and ED Visits in CHIP”. Poster Presentation, *32nd AcademyHealth Annual Research Meeting*. Minneapolis, MN. Jun 2015.

Sen B, Blackburn J, Becker D, Kilgore M, Menachemi N, Morrisey M, Caldwell C. “Does Pediatric Preventive Dental Care Improve Long-Term Dental Outcomes for Children?” Poster Presentation, *32nd AcademyHealth Annual Research Meeting*. Minneapolis, MN. Jun 2015.

Sen B, Blackburn J, Xie R. “Deepwater Horizon Oil Spill’s Health Impact on Vulnerable Children in Alabama”. Oral Presentation, *2014 Annual Meeting of the Eastern Economic Association*. Boston, MA. Mar 2014.

Epane JP, Weech-Maldonado R, Menachemi N, **Sen B**. “Hospitalists Reduce Pneumonia Readmission Rates?” Oral Presentation, *Gerontological Society of America*. Washington, DC. 2014.

Epane JP, Weech-Maldonado R, Menachemi N, **Sen B**. “Hospitalists and Hospital’s Bottom Line: Is there a Business Case?” Oral Presentation, *Gerontological Society of America*. Washington, DC. 2014.

Tajeu G, Aswani M, Wingate MS, **Sen B**. “State Tobacco Policies, Maternal Prenatal Smoking & Infant Birth Outcomes: Evidence from the Natality Details Files”. Oral Presentation, *9th World Congress on Health Economics; International Health Economics Association*. Sydney, Australia. Jul 2013.

Tajeu G, **Sen B**. “Short Sleep is Associated With More Time Spent in Secondary Eating & Drinking”. Poster Presentation, *30th Annual Scientific Meeting of the Obesity Society*. San Antonio, TX. September 2012.

Sen B, Blackburn J, Becker DJ, Morrisey MA, Kilgore M, Caldwell C, Menachemi N. “An Assessment of Dental Care under Alabama’s CHIP, ALL Kids”. Poster Presentation, *29th AcademyHealth Annual Research Meeting*. Orlando, FL. Jun 2012.

Averett S, **Sen B**. “They May Not Choose Abstinence: Do Parental Involvement Laws have Unforeseen Effects on Teen Sexual Behavior?” Oral Presentation, *4th Biennial Conference of the American Society of Health Economists*, University of Minnesota. Minneapolis, MN. Jun 2012.

Dhaval D, Colman G, **Sen B**. “Physical Activity over the Macroeconomy: Who is Affected and By How Much?” Oral Presentation, *4th Biennial Conference of the American Society of Health Economists*, University of Minnesota. Minneapolis, MN. Jun 2012.

Sen B, Ferdinand A, Rahrurkar S, Engler S, Menachemi N. “If We Build It, Will They Come? Self-Reported Willingness to Use Activity Friendly Green Space among Residents of Alabama”. Poster Presentation, UAB Health Disparities Research Symposium: *The Science of Eliminating Health Disparities: From Discovery to Delivery*. Birmingham, AL. Apr 2012.

Sen B, Ferdinand A, Rahrurkar S, Engler S, Menachemi N. “If We Build It, Will They Come? Self-Reported Willingness to Use Activity Friendly Green Space among Residents of Alabama”. Poster Presentation. *Active Living Research Conference*. San Diego, CA. Mar 2012.

Sen B, Panjamapirom A. “Types of Background Information Checks prior to Gun Purchase and Violent Deaths”. Oral Presentation, *Southern Economic Association 81st Annual Conference*. Washington, D.C. Nov 2011.

Sen B, Panjamapirom A. “Types of Background Information Checks Prior to Gun Purchase and Violent Deaths”. Poster Presentation, *APHA 139th Annual Meeting*. Washington, D.C. Nov 2011.

Sen B. “Higher Gasoline Prices Can make you Sweat! Evidence from American Time Use Data”. Oral Presentation, *International Health Economics Association 8th World Congress*. Toronto, Canada. Jul 2011.

Sen B. “Is There an Association Between Gasoline Prices & Physical Activity? Evidence from the American Time Use Data”. Oral Presentation, *International Perspectives on Time Use Conference*, University of Maryland. College Park, MD. Jun 2011.

Sen B, Blackburn J, Morrissey M, Kilgore M, Becker D, Caldwell C, Menachami N. “Did Copayments Changes Reduce Health-Service Usage Among Chip Enrollees? Evidence From Alabama”. Poster Presentation, *28th AcademyHealth Annual Research Meeting*. Seattle, WA. Jun 2011.

Thomas S, **Sen B**. “Gasoline Prices & Physical Activity Among Youth: Evidence from YRBS Data”. Poster Presentation, *Active Living Research Conference*. San Diego, CA. Feb 2011.

Sen B. “Is There An Associations Between Gasoline Prices & Physical Activity? Evidence from American Time Use Data”. Oral Presentation, *3rd Biennial Conference of the American Society of Health Economists*, Cornell University. Ithaca, NY. Jun 2010.

Sen B. “Economic Conditions and Time Use by Individuals”. Poster Presentation, *ATUS Conference and Workshop*, University of Maryland. College Park, MD. Jun 2009.

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Panjamapirom A**, **Sen B**. “Does the level of background check agencies make a difference in firearm death rates?” Poster Presentation, *26th AcademyHealth Annual Research Meeting*. Chicago, IL. Jun 2009.

Sen B, Mennemeyer S, Gary L. “The Relationship between Neighborhood Quality and Obesity Among Children”. Oral Presentation, *NBER Conference on Economic Aspects of Obesity*, Louisiana State University. Baton Rouge, LA. Nov 2008.

Sen B, Argys L, Kitchin E. “What Do People In Different Income Groups Buy When They Do Not Buy Fruits And Vegetables?” Oral Presentation, *2nd Biennial Conference of the American Society of Health Economists*. Raleigh-Durham, NC. Jun 2008.

Goudie A**, Shewchuck R, **Sen B**. “Association Between Maternal Smoking and Higher Childhood Body Mass Index (BMI)”. Oral Presentation, *APHA 135th Annual Meeting*, Washington, D.C. Nov 2007.

Sen B, Campbell, CP**. “DUI Laws, Other Alcohol Policies, and Child Deaths in Motor Vehicle Crashes”. Oral Presentation, *Annual Conference of Western Economic Association International*. San Diego, CA. Jul 2006.

Sen B, Wingate MS, Kirby RS. “Do Abortion Restrictions Affect Child Fatal Injury? A Longitudinal Analysis”. Oral Presentation, *Inaugural Conference of the American Society of Health Economists*. Madison, WI. Jun 2006.

Argys L, **Sen B**. “Parental Time, Income and Children’s BMI”. Oral Presentation, *Eastern Economics Association Annual Conference*. Philadelphia, PA. Feb 2006.

Sen B, Morrissey M. “Alcohol Use, Alcohol Policies & Child Fatal Injury Rates: Preliminary Results for Homicide Deaths among 0-4 yr olds”. Poster Presentation, *Substance Abuse Policy Research Program* (Robert Wood Johnson Foundation), 2006 Annual Grantee Meeting. Tucson, AZ. Dec 2005.

Sen B. “State Abortion Restrictions & Child Fatal Injury: An Exploratory Study”. Oral Presentation, *3rd Annual Southeastern Health Economics Study Group Conference*. Columbia, SC. Oct 2005.

Argys L, **Sen B**. “Parental Time, Income and Children’s BMI”. Poster Presentation, *International Health Economics Association 2005 5th World Congress*. Barcelona, Spain. Jul 2005.

Sen B, Swaminathan S. “Maternal Prenatal Substance Use and Behavioral Problems Among Children in the U.S”. Oral Presentation, *International Health Economics Association 5th World Congress*. Barcelona, Spain. Jul 2005.

Shailendar S, **Sen B**. “Effects of Maternal Substance Abuse during Pregnancy on Child Developmental Issues: Very Low Birthweight versus Normal Birthweight Infants”. Oral Presentation, *American Economic Association Meetings*. Philadelphia, PA. Jan 2005.

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Thomas D, **Sen B**. “Do Abortion Restrictions Reduce Risky Teen Sex: Evidence from Parental Involvement Laws”. Oral Presentation, *Annual Conference of Western Economic Association International*. Vancouver, Canada. Jul 2004.

Sen A, **Sen B**, Gupta R. “Labor Market Participation and Domestic Violence”. Oral Presentation, *Annual Conference of the Canadian Economic Association*. Toronto, Canada. Jun 2004.

Sen B. “The Most Innocent Victims: Alcohol Use, Alcohol Policies & Child Fatal Injury Rates”. Oral Presentation, *International Health Economics Association 4th World Congress*. San Francisco, CA. Jun 2003.

Sen B. “An Investigation of The Effects of Restrictions on Medicaid Funding for Abortions on Female STD Rates”. Oral Presentation, *Annual Conference of Western Economic Association*. San Francisco, CA. Jul 2001.

Sen B. “Alcohol and Youth Contraception Use During Sex”. Oral Presentation, *Annual Conference of Southern Economic Association*. Crystal City, VA. Nov 2000.

Mach T, **Sen B**. “Duration of Poverty Spells following Divorce: A Study Proposal”. Oral Presentation, *Annual Conference of Midwest Economic Association*. Chicago, IL. Mar 2000.

Sen B. “Revisiting Women’s Preferences About Future Labor Force Attachment: What Effects Do They Have On Earnings And What Are They Affected By?” Oral Presentation, *American Economic Association Meetings*. Boston, MA. Jan 2000.

Sen B. “Pre-Marital Sexual Behavior And Contraception Use Among Adolescents: Do Family Background And Economic Incentives Matter?” Oral Presentation, *National Longitudinal Survey of Youth 1997 (NLSY97) ‘Early Results’ Conference, Bureau of Labor Statistics*. Washington, D.C. Nov 1999.

RESEARCH SUPPORT

16CF1506016005 (PI: Preskitt) – Oct 2020-Sep 2021

Department of Early Childhood Education

First Teacher Home Visiting Program, 2020-2021

Assisting with the implementation and evaluation for the First Teacher Home Visiting Program (formerly MIECHV). This includes ongoing technical assistance, training, data collection, reporting, evaluation, scholarly dissemination, and continuous quality improvement (CQI) efforts related to home visiting program sites funded through multiple sources to ensure the home visiting system is developed in keeping with state and federal guidelines specific to each funding source, with appropriate input from stakeholders, and with rigorous monitoring, programmatic evaluation, and results dissemination.

Role: Investigator

90TP0065-01-00 (PI: Preskitt) – Oct 2020-Sep 2021

Department of Early Childhood Education

B8 Cohesive Systems & First Class Pre-K Evalua

Bisakha (Pia) Sen

Assisting with research evaluation activities related to the First Class Pre-K program and the broader early childhood system as supported through the Preschool Development Birth-5 Systems Grant. This allows us to present a more cohesive Birth- Age 8 aligned data and evaluation system to the Alabama Department of Early Childhood Education.

Role: Investigator

20502084 (PI: Becker) – Aug 2020-Aug 2021

PackHealth

Return on Investment Claims Analysis

Pack Health is looking to better understand the return on investment (ROI) for those that engage and complete a digital health coaching journey. The ROI will be calculated using BCBS claims data that has been made available for the project. The final product will take show the cost savings, increased use of preventive services, and any other relevant claims information. The findings of the project will be shared with key Pack Health clients and peer review pending study limitations.

Role: Co-PI

C00119199 (PI: Becker) – Aug 2020-Jul 2021

Alabama Department of Public Health

ALL Kids Proposal for Special Projects

Component Project: ***Covid19 Disruption of Pediatric Health Service Utilization: Changes in Health Utilization, Telehealth Use, & Health Disparities***

This project will use claims data over 2017-2020 to explore how the Covid19 pandemic impacted preventive care utilization as well as ED, outpatient and inpatient services among publicly insured pediatric patients, the extent to which telehealth substituted for inperson visits, and whether reductions in service use as well as telehealth use differed by race and rurality.

Role: PI of Component Project

No # (PI: Sen) – May 2020- Dec 2021

School of Public Health, UAB (“Back of the Envelope” Internal Grant)

Unintended Consequences of the COVID-19 Pandemic on the Pediatric Population: Emergency Care & Unmet Health Needs Among ‘Children’s of Alabama’ ED Patients

This project will use electronic medical records from Children’s of Alabama Emergency Department and conduct subsequent surveys of parents/guardians to investigate unmet health needs, exacerbation of health disparities and access to telehealth for children during the COVID-19 shutdown.

Role: PI

16CF1506016005 (PI: Preskitt) – Oct 2019-Sep 2020

Department of Early Childhood Education

2019-2020 Home Visiting Grant

Assisting with the implementation and evaluation for the Home Visiting Program (formerly MIECHV). This includes ongoing technical assistance, training, data collection, reporting, evaluation, scholarly dissemination, and continuous quality improvement (CQI) efforts related to home visiting program sites funded through multiple sources to ensure the home visiting system is developed in keeping with state and federal guidelines specific to each funding source, with appropriate input from stakeholders, and with rigorous monitoring, programmatic evaluation, and results dissemination.

Role: Investigator

C50790008 (PI: Preskitt) – Oct 2019-Sep 2020

Alabama Department of Children's Affairs

DECE Preschool Development

Assisting with research evaluation activities related to the development and continuation of a cohesive birth-age 5 preschool system in Alabama in partnership with the Alabama Department of Early Childhood Education, formerly the Alabama Department of Children's Affairs.

Role: Investigator

No #, Internal (PI: Fouad) – Jul 2019-Jun 2022

University of Alabama at Birmingham (Grand Challenge Award Winner)

Healthy Alabama 2030: LiveHealthSmart

This project proposes a comprehensive, multi-sectoral approach that brings together academic partners, businesses, healthcare and insurance providers, local and state governments, faith-based organizations, and community stakeholders in a coordinated effort to improve Alabama's health. The project will make targeted policy, system, and environment (PSE) changes that will facilitate physical activity, good nutrition, and prevention/wellness, leading to improved chronic disease outcomes.

Role: Investigator

P30AI027767 (PI: Saag/Project PI: Mugavero) – Jun 2019-May 2024

National Institute of Allergy and Infectious Diseases/NIH/DHHS

UAB Center for AIDS Research (CFAR) - A Dynamic COVID-19 Community-Engaged Testing Strategy in Alabama (COVID COMET AL)

This project will evaluate the success of a new, community-engaged, rapid scale-up testing strategy in reducing the disproportionate burden of COVID-19 in underserved rural counties.

Role: Investigator

C90116151 (PI: Becker) – Apr 2019-Mar 2020

Alabama Department of Public Health

All Kids Proposal for Special Projects

Component Project: ***What Can We Say about Role of Social Determinants of Health & Health Outcomes of ALL Kids Enrollees? An Exploratory Study.***

This project involved building a database that mapped all ALL Kids enrollees and their claims to census tracts, to investigate and analyze how census tract level social determinants of health may be linked to specific health outcomes, as well as to identify geographical 'hot spots' for specific adverse health outcomes, to help develop targeted interventions.

Role: PI of Component Project

No # (PI: Budhwani) – Mar 2019-Dec 2019

Women's Fund of Greater Birmingham

Research and Policy to improve the Well-Being of Vulnerable Women and Children in Alabama

This project aimed to collate, curate and present data-based information to advocate for legislative policies to improve the well-being of vulnerable women and children in Alabama

Role: Investigator

16CF1506016005 (PI: Preskitt) – Oct 2018-Sep 2019

Department of Early Childhood Education

Bisakha (Pia) Sen

University of Alabama Birmingham, MIECHV (formerly DCA Home Visiting

Assisting with the implementation and evaluation for the Maternal, Infant, and Early Childhood Home Visiting Program. This includes ongoing technical assistance, training, data collection, reporting, evaluation, scholarly dissemination, and continuous quality improvement (CQI) efforts related to home visiting program sites funded through multiple sources to ensure the home visiting system is developed in keeping with state and federal guidelines specific to each funding source, with appropriate input from stakeholders, and with rigorous monitoring, programmatic evaluation, and results dissemination.

Role: Investigator

C50790008 (PI: Preskitt) – Oct 2018-Sep 2019

Alabama Department of Children's Affairs

DCA Preschool Development

Assisting with research evaluation activities related to the development and continuation of a cohesive birth-age 5 preschool system in Alabama in partnership with the Alabama Department of Children's Affairs.

Role: Investigator

No # (PI: Preskitt) – Aug 2018-Sep 2019

HRSA/Alabama State Department of Education

University of Alabama at Birmingham, STAAND

To provide technical assistance, program evaluation, performance monitoring, quality assurance, continuous quality improvement, and research related to this project to support pregnant and parenting teens and their families

Role: Investigator

C200629944 (PI: Sen) – Oct 2017-Sep. 2023

Alabama Medicaid Agency

Research and Analysis for Alabama Medicaid

This larger, multi-year research contract includes several sub-projects: (1) We conducted an analysis of contraception use, births, teen-births, and closely-spaced pregnancy episodes from 2012-2017. This serves as a baseline analysis that will be used to assess the impact of the recently approved programmatic change to start paying for long-acting reversible contraception for Medicaid enrollees. (2) In a second project, we build a similar database as described above with Medicaid enrollees by mapping enrollees and their claims to census tracts and identifying 'hot spots' for specific health outcomes for the purpose of designing targeted outcomes. Separately, this project will also prepare baseline data to assess the impact of the recently approved 'Alabama Coordinated Health Network'.

Role: PI

C80113037 (PI: Becker) – Oct 2017-Sep 2018

Alabama Department of Public Health

All Kids Proposal for Special Projects

Component Project: ***Obesity-related Comorbidities among ALL Kids Enrollees: Trends, Predictors, Costs and Health Service Use***

This project assessed trends, prevalence, and disparities (by race and rurality) in claims for five obesity-related conditions since 1999. Evidence suggested such conditions were relatively

Bisakha (Pia) Sen

underdiagnosed for minorities and rural children in earlier years. Notable differences in trends were noted by race and rurality.

Role: PI of Component Project

No # (PI: Sen) – Oct 2017-Sep 2019

Society of Family Planning

State Abortion Access Restrictions and their Relationship to Prenatal and Infant Health: US, 1985-2012

The purpose of this project is to explore the relationship between restrictions on reproductive health access and infant health (such as low birthweight and pre-term birth) using national, repeated cross-sectional data.

Role: PI

17-069-1-S1.4 (PI: Khoury) – Mar 2017-Feb 2023

East Tennessee State University

Evaluation of the South Carolina Initiative to Reduce Unintended Pregnancy

This project explores the health and economic impacts of a program to provide long-acting reversible contraception (LARC) to disadvantaged women enrolled in the South Carolina Medicaid program and the extent to which it can prevent unplanned births, closely-spaced births, and negative infant health outcomes. The aim is to provide cost-benefit and cost-effectiveness analyses to illustrate the program's long-term sustainability.

Role: Investigator

U54MD008176-05 (PI: Fouad/Project PI: Sen) – Aug 2016-Jul 2017

National Institute on Minority Health and Health Disparities

***Mid-South Transdisciplinary Collaborative Center for Health Disparities Research
Social-Ecological Stressors, Obesity-Risk & Racial Disparities in Obesity: A Longitudinal Study using NLSY97 Data***

This study draws upon panel data from the National Longitudinal Survey of Youth (1997) to explore how disparities in exposure to environmental stressors in youth can impact subsequent racial disparities in obesity and related chronic diseases.

Role: PI

C60112018 (PI: Becker) – May 2016-Apr 2017

Alabama Department of Public Health

All Kids Proposal for Special Projects

Component Project: ***The Impact of the Mental Health Parity & Addiction Equity Act on Costs and Utilization Patterns among ALL Kids Enrollees***

This study analyzed the extent to which there were changes in inpatient stays, outpatient visits, and in program costs for mental health related diagnosis following the passage of the Mental Health Parity & Addiction Equity Act among ALL Kids enrollees and whether there was any evidence of reductions in disparities of service utilization and quality of care following the passage of the Act.

Role: PI of Component Project

PGA-5 (PI: Hites) – Aug 2015-Jul 2016

Jefferson County Department of Health

Jefferson County Dept of Health & School of Public Health- Partnership for Research

Component Project: ***Evaluation of Awareness of and Use of High Ore Trail***

Bisakha (Pia) Sen

This project involved designing, administering, and subsequently analyzing the data of a survey to understand how building a walkable trail in a low-income neighborhood helped increase physical activity behaviors of residents and what were the barriers and facilitators of using the trail.

Role: PI of Component Project

C50119074 (PI: Becker) – Jan 2015-Dec 2015

Alabama Department of Public Health

All Kids Proposal for Special Projects

Component Project: ***High Cost Mood Disorder Episodes: What Can We Learn?***

This study analyzed racial differences in diagnosis of the mood disorder in an outpatient/physician's office setting versus in an inpatient setting and explored risk factors for repeated inpatient stays for mood disorders.

Role: PI of Component Project

GRANT11708338/U58DP005814 (PI: Fouad) – Sep 2014-Sep 2018

National Center for Chronic Disease Prevention & Health Promo./CDC/DHHS

Birmingham REACH for Better Health

This community-based participatory research project was a partnership between UAB, Jefferson County Department of Health, several local non-profits, and actual community members. It identified Census tracts with high socio-economic disadvantage and predominantly minority populations and planned and executed programs that helped improve access to nutritious food and enhance outdoor physical activity through the innovative 'Parks RX' program.

Role: Investigator & Lead Evaluator

No #, Internal (PI: Sen) – Aug 2014-Aug 2015

Lister Hill Center for Health Policy, School of Public Health, UAB (Intramural Grant)

State Policies, Sexual Behavior and Health Investments During Pregnancy: An Analysis Using NSGG Data

The purpose of this project is to explore the relationship between restrictions on reproductive health access; generosity of WIC and TANF in the state; and sexual activity, pregnancy avoidance behavior, and prenatal care-seeking among disadvantaged women.

Role: PI

No #, Internal (PI: Blackburn) – Oct 2013-Feb 2015

UAB Lister Hill Center for Health Policy Intramural Grant

The effectiveness of preventive dental care among Medicaid-enrolled children

This project used claims data from Alabama Medicaid to explore whether early preventive dental care reduced subsequent restorative care utilization and costs and whether there were differences when the care was provided by pediatricians or dentists. High dimensional propensity score matching was used to minimize selection bias.

Role: Investigator

No #, Internal (PI: Sen) – Oct 2013-Oct 2014

Microryza (Crowdfunded project)

Gun Policy, Gun Culture & Guns across the U.S.: What makes Us Safer?

The purpose of this project was to explore cross-state and spillover effects of gun regulation policies and how gun deaths in one state were linked to policies in neighboring states.

Role: PI

Bisakha (Pia) Sen

1U54MD008602-01 (PI: Hullett/Martin/Butler) – Jul 2013-Jun 2018

Bayou La Batre Clinic

Gulf States Collaborative Center for Health Policy Research (Gulf States CC)

This Center funded and supported a series of projects aimed at understanding health barriers, building community partnerships and improving health access/outcomes for disadvantaged populations in Gulf States. In my role as Research Core Leader, I participated in meetings with community partners to ensure our projects were stakeholder-informed, did presentations on designing and conducting evaluations and cost-benefit analyses, helped review pilot grant projects, and provided methods support to junior researchers.

Role: Investigator & Research Core Leader

No #, Internal (PI: Sen) – Feb 2013-Sep 2013

School of Public Health, UAB (“Back of the Envelope” Internal Grant)

Deepwater Horizon Oil Spill’s Health Impacts on Vulnerable Children residing in the Alabama Gulf Coast

The aim was to use Medicaid claims data matched to area of residence and a difference in difference framework to explore changes in healthcare usage among children in counties in closest proximity to the Deepwater Horizon oil spill in the Gulf of Mexico, using counties further inland as control.

Role: PI

No # (PI: Sen) – Sep 2012-Jul 2013

Peoples Health, New Orleans, LA

Research Projects for Peoples Health

This research contract aimed to evaluate the effectiveness of programmatic changes on patient outcomes for a large Medicare Advantage Plan in Louisiana, with a focus on dual (Medicaid-Medicare) patients.

Role: PI

C20119184 (PI: Bronstein) – May 2012-May 2015

Alabama Department of Public Health

Monitoring Trends in Patient Care Networks of Alabama (PCNA)

This project analysed changes in utilization of health services and costs among patients with and without chronic conditions or mental health and substance abuse problems following adoption of PCNAs.

Role: Investigator

PGA-5 (PI: Menachemi) – Mar 2012-Feb 2015

Jefferson County Department of Health

Jefferson County Department of Health & School of Public Health – Partnership for Research

This project linked GIS-coded patient-residence data and patient electronic medical records from JCDH to changes in the built environment engineered to promote physical activity in Birmingham (for example, RailRoad Park) to explore associations with pediatric BMI and obesity-related health conditions. Additionally, this project also did scoping surveys to gauge the extent to which Railroad Park was being used for physical activity by people in different demographic groups.

Role: Investigator

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No # (PI: Allison) – Nov 2011-Nov 2012

Coca Cola Company

Development of Standardized Measurement Systems for Rating and Ranking the Fidelity of Research Reporting in the Nutrition and Obesity Literature

This project used various methods to scope out the extent of incorrect interpretation, exaggerated reporting, flawed empirical methods, discrepancies between abstracts and actual study findings, and evidence of manipulation of p-values in studies published in leading obesity and public health journals.

Role: Investigator

C10114260 (PI: Menachemi) – Jun 2011-Dec 2014

Alabama Department of Public Health

All Kids Proposal for Special Projects

Component Project: ***The Concentration and Drivers of Health Expenditures among ALL Kids Enrollees***

This project explored the extent of cost concentration among ALL Kids enrollees, and explored what socio-demographic characteristics and what types of service use patterns characterized the pediatric patients in the highest quintile of healthcare costs.

Role: PI of Component Project

Component Project: ***An Assessment of Dental Care under Alabama ALL Kids***

This project explored the linkages between preventive dental care and subsequent restorative and emergency services using advanced econometric methods to account for the selection bias inherent in who chooses to utilize preventive dental care.

Role: PI of Component Project

Component Project: ***Long-term Effectiveness and Cost Effectiveness of Preventive Dental Visits and Sealants among Low-Income among ALL Kids Enrollees***

This project sought to improve understanding of effectiveness and cost-effectiveness of early and regular preventive dental visits and sealants, using high-dimensional propensity score matching methods.

Role: PI of Component Project

R03HD062941 (PI: Sen) – Aug 2010-Jul 2013

National Institute of Child Health and Human Development/NIH/DHHS

Tobacco Policies, Prenatal Smoking, and Infant & Child Outcomes

The aim was to do a comprehensive analyses of the role of state regulations on environmental tobacco smoke and multiple infant and child health outcomes using two secondary, national-level datasets.

Role: PI

CPPW-T-UABSOPH-1012 (PI: Menachemi) – May 2010-Mar 2012

United Way of Central Alabama, Inc.

Communities Putting Prevention to Work – (CPPW-Tobacco)

To serve as evaluator on a grant that was funded by the Centers for Disease Control and Prevention to promote community-based efforts aimed at reducing tobacco use in Jefferson County, Alabama.

Role: Investigator

CPPW-O-UABSOPH-1012 (PI: Menachemi) – May 2010-Mar 2012

United Way of Central Alabama, Inc.

Bisakha (Pia) Sen

Communities Putting Prevention to Work – Obesity (CPPW-Obesity)

To serve as evaluator on a grant that was funded by the Centers for Disease Control and Prevention to promote community-based efforts aimed at improving physical activity and reducing obesity in Jefferson County, Alabama.

Role: Investigator

67117 (PI: Sen) – Feb 2010-Jan 2012

Johnson (Robert Wood) Foundation

Did The Recent Changes In Macro-Economic Conditions Affect Physical Activity?

The aim of this project was to explore how physical activity behaviors as well as consumption patterns changed with fluctuations in gasoline price, using the theory of income and substitution effects of price changes.

Role: PI

No #, Internal (PI: Sen) – Aug 2009-Aug 2010

Lister Hill Center for Health Policy, School of Public Health, UAB (Intramural Grant)

Gasoline Prices & Physical Activity: A Pilot Study with Secondary Data

This pilot project explored linkages behind gasoline prices and physical activity behaviors among youth and adults in two national level datasets.

Role: PI

T76MC00008 (PI: Wingate) – Jun 2009-May 2015

Health Resources and Services Administration/DHHS

Education for MCH Leadership at UAB

The program existed to 1) strengthen and expand the MCH workforce by training graduate and post-graduate public health trainees in MCH and 2) advance MCH science, research, practice, and policy through a well-trained MCH public health workforce. This was fulfilled through 1) CEPH-accredited MPH and DrPH training programs; 2) collaboration with and technical assistance for Title V/MCH partners; 3) collaborative efforts with other HRSA/MCHB-funded programs; and 4) innovative research and scholarship to improve MCH outcomes, programs, and policies.

Role: Investigator

No #, Internal (PI: Sen) – Mar 2006-Aug 2008

Nutrition Obesity Research Center, UAB

What Do People In Different Income Groups Buy When They Do Not Buy Fruits And Vegetables

This project aimed to use data from the Consumer Expenditure Surveys to stratify consumers by income group and explore how being in different quartiles in terms of expenditure on fruits and vegetables were linked to share of income spent on other items such as housing, healthcare, and other major expenditures.

Role: PI

5R03HD050668 (PI: Sen) – Mar 2006-Feb 2008

National Institutes of Health/National Institute of Child Health and Human Development

Parental Time, Income & Children's BMI

This project aimed to use data from the American Time Use Survey to explore how self-reported parental income, time spent working, time on household activities and meal preparation, and time engaged in activities with children were linked with body-mass index and obesity-risk among children in the household.

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Role: PI

No # available, (PI: Sen) – Oct 2005-Mar 2007

Johnson (Robert Wood) Foundation

Alcohol Policies & Child Fatal Injury

This project explored how state alcohol policies – through the pathway of adult behaviors – impacted a range of fatal injuries to children, including violence-related and motor vehicle-related fatal injuries.

Role: PI

5R03DA019007 (PI: Windle) – Sep 2005-Jul 2006

National Institutes of Health/National Institute on Drug Abuse

Parenting, Adolescent Substance Use and Delinquency

The aim was to use data on youth respondents from the National Longitudinal Survey of Youth and explore how youth perception of parental involvement and parenting styles were linked to self-reported substance use and delinquencies and how these relationships were moderated by two-parent versus single-parent families.

Role: Investigator

No #, Internal (PI: Sen) – Sep 2003-Aug 2004

Lister Hill Center for Health Policy, School of Public Health, UAB (Intramural Grant)

Maternal Prenatal Substance Use and Behavioral Problems Among Children in The U.S.

This project linked mother and child data from National Longitudinal Surveys cohorts to explore how self-reported smoking, alcohol use, and substance use in pregnancy was linked to subsequent learning disabilities and behavior problems in pre-school children.

Role: PI

No #, Internal (PI: Sen) – Summer 2001

University of Central Florida (In-House Research Award)

Determinants of Length of Poverty After Divorce

This project used data from multiple waves of National Longitudinal Surveys to explore links between pre-marital work experience and expectations/plans about working, and employment status and poverty-status among women who experienced divorce.

Role: PI

Unavailable # (PI: Sen) – Fall 1999

U.S. Bureau of Labor Statistics (“NLSY97 Early Results Grant”)

Abortion Restrictions and Teen Sexual Activity: Evidence from the NLSY97

This project linked state abortion restriction data with self reported sexual activity and pregnancy avoidance behaviors of female respondents in the National Longitudinal Surveys.

Role: PI

JOURNALS REVIEWED

Addiction; American Economic Journal; American Journal of Health Economics; American Journal of Managed Care; B.E. Journals in Economic Analysis & Policy; BMC Public Health; Children and Youth Services Review; Contemporary Economic Policy; Eastern Economic Journal; Economics of Education Review; Economics & Human Biology; Economic Inquiry; European

Health Affairs; Health Economics; Inquiry; International Journal of Environmental Research and Public Health; International Journal of Obesity; Journal of Adolescent Health; Journal of American Medical Association (JAMA); Journal of Criminal Justice; Journal of Health Care for the Poor and Underserved; Journal of Health Economics; Journal of Obesity; Journal of Policy Analysis & Management; Journal of Population Economics; Medical Care; Medical Care Research & Review; Medicare & Medicaid Research Review; Medicine & Science in Sports and Exercise; Obesity; Pediatrics; PLoS One; Public Health Nutrition; Review of Economics of the Household; Review of Social Economy; Social Science & Medicine; Southern Economic Journal; Strategic Management Journal

SELECTED MEDIA COVERAGE

UAB News, Jan 2021: <https://www.uab.edu/news/people/item/11814-sen-to-co-chair-committee-for-national-academies-of-science-engineering-and-medicine>

Scienmag, Oct 2020: <https://scienmag.com/examining-association-of-stay-at-home-orders-state-level-african-american-population-with-covid-19-case-rates/>

WBRC, Oct 2020: <https://www.wbrc.com/2020/10/23/uab-study-without-stay-at-home-orders-covid-cases-could-have-been-higher/>

Alabama Political Reporter, Oct 2020: <https://www.alreporter.com/2020/10/26/study-covid-19-infection-rates-more-than-double-without-lockdowns/>

Breitbart News, Oct 2020: <https://www.breitbart.com/news/stay-at-home-orders-reduced-covid-19-cases-deaths-study-finds/>

U.S. News & World Report, Sep 2020: <https://www.usnews.com/news/health-news/articles/2020-09-21/effects-of-gun-laws-cross-state-borders-new-study-suggests>

UPI, Sep 2020: https://www.upi.com/Health_News/2020/09/22/Permissive-gun-laws-may-negate-strong-ones-in-neighboring-states/8401600723132/

WBRC, Sep 2020: <https://www.wbrc.com/2020/09/15/new-uab-study-finds-gun-laws-neighboring-states-have-an-impact-gun-deaths-alabama/>

Association of Schools & Programs of Public Health, Feb 2020: <https://www.aspph.org/uab-dr-bisakha-sen-appointed-to-endowed-chair-in-health-economics/>

Vox, Aug 2019: <https://www.vox.com/2015/10/3/9444417/gun-violence-mass-shootings-us-america>

Salon, May 2018: https://www.salon.com/2018/05/07/technology-is-better-than-ever-but-thousands-of-americans-still-die-in-car-crashes-every-year_partner/

U.S. News & World Report, Feb 2017: <https://health.usnews.com/health-care/articles/2017-02-28/do-early-dental-visits-really-prevent-kids-cavities>

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Forbes, Feb 2017: <https://www.forbes.com/sites/tarahaelle/2017/02/27/early-dental-visits-for-toddlers-may-not-reduce-tooth-decay-risk/?ref=altdnt&sh=21fb9fa2e084>

The New York Times, Aug 2016: <https://www.nytimes.com/2016/08/30/upshot/surprisingly-little-evidence-for-the-usual-wisdom-about-teeth.html>

Latinos Post, Dec 2015: <http://www.latinospost.com/articles/81374/20151220/getting-right-amount-sleep-less-7-hours-lead-obesity-study.htm>

Science Daily, Dec 2015: <https://www.sciencedaily.com/releases/2015/12/151211154105.htm>

Neuroscience News, Dec 2015: <https://neurosciencenews.com/short-sleep-eating-obesity-3274/>

Washington Post, Nov 2015: https://www.washingtonpost.com/opinions/five-myths-about-family-dinners/2015/11/25/64a3b244-92d2-11e5-8aa0-5d0946560a97_story.html

Association of Schools & Programs of Public Health, June 2015: <https://www.aspph.org/uab-assesses-initial-impacts-of-patient-care-networks-of-alabama-initiative/>

The Journalist's Resource, Jan 2015: <https://journalistsresource.org/environment/gas-prices-effects-health-driving-economics-policy/>

Medical Xpress, Apr 2014: <https://medicalxpress.com/news/2014-04-of-assumed-racial-obesity-disparities.html>

AL.com, Oct 2013 (updated Mar 2019):
https://www.al.com/entertainment/2013/10/smart_party_iron_city_the_wome.html

AL.com, Jun 2013: https://www.al.com/spotnews/2013/06/crowdfunding_uab_researcher_me.html

Scientific American, May 2013: <https://www.scientificamerican.com/article/gun-researcher-turns-to-crowd-funding/>

BBC News, May 2013: <https://www.bbc.com/news/science-environment-22615556>

Nature, May 2013: https://www.nature.com/news/us-gun-researcher-turns-to-crowd-funding-1.13069?WT.ec_id=NEWS-20130604

PROFESSIONAL MEMBERSHIPS & SERVICE

- 2020- Member, Working Group, 5-year Strategic Plan for the UAB O'Neal Comprehensive Cancer Center
- 2020- Member, UAB School of Public Health Promotion & Tenure Taskforce
- 2018- Chair, UAB School of Public Health Department of Health Care Organization & Policy Promotion & Tenure Committee
- 2016 Member, UAB Faculty Governance Working Group
- 2014- Member, The Alabama Economics Club

- 2012- Member, UAB School of Public Health Department of Health Care Organization & Policy, DrPH Committee
- 2011-2015 Member, UAB School of Public Health Faculty Advisory Council
- 2011-2012 Reviewer, UAB School of Public Health ‘Back of the Envelope’ Pilot Proposals
- 2010-2012 Member, UAB School of Public Health, Educational Policy Committee
- 2010 Reviewer, UAB Minority Health & Health Disparities Research Center Intramural Grants
- 2009-2013 Organizer, UAB Lister Hill Center for Health Policy ‘Methods Workshop’ Series
- 2009-2010 Chair, UAB School of Public Health, Educational Policy Committee
- 2008-2010 Member, UAB Grievance & Termination Hearing Panel
- 2007 Reviewer, UAB Lister Hill Center for Health Policy Intramural grants
- 2003-2006 Member, UAB School of Public Health, Educational Policy Committee

CONSULTING ACTIVITIES

- 2014-2015 Consultant, PackHealth, Inc., Birmingham AL
Helped develop appropriate survey instruments to collect patient information and track and evaluate improvements in health behavior and health outcomes of enrollees signing up for PackHealth’s diabetes management program
- 2013-2019 Consultant, PeoplesHealth Medicare Advantage Plan, New Orleans, LA.
Designed and conducted multi-year evaluations to identify gaps in care and effectiveness of programmatic interventions launched by PeoplesHealth to improve health outcomes for their dual (Medicare-Medicaid) members; provided training workshops for their Decision Support Team on analyzing claims data to inform decision making and rigorously evaluate programmatic changes

COMMUNITY ENGAGEMENT

- 2018- Advocacy Sub-Committee Member, The Women’s Fund of Greater Birmingham
- 2017- Board of Directors, The Alabama Dance Council
- 2015-2020 Board of Directors, The Women’s Fund of Greater Birmingham
- 2015-2017 Grants Sub-Committee Member, The Women’s Fund of Greater Birmingham
- 2009- Member & Sponsor, Indian Cultural Society, Birmingham Museum of Art
- 2006- Founder & Director, Notinee Indian Dance (<https://www.facebook.com/Notinee/>)

TEACHING & MENTORING

Courses Taught:

Class	University	Years
Executive Health Economics (Executive Master of Science in Health Administration)	UAB	2012-2019
Executive Regression Analysis (Executive Doctoral Level)	UAB	2010-2019
Empirical Methods for Health Research/Regression Analysis	UAB	2004-2020
Health Economics	UAB	2003-2019
Labor Economics (Graduate)	U. Central FL	2000, 2002
Contemporary Labor Economics (Undergraduate)	U. Central FL	2000, 2002

Economic Analysis of the Firm (MBA)	U. Central FL	1998-2001
Principles of Economics II (Microeconomics, Undergraduate)	U. Central FL	1998-2002
Principles of Economics I (Macroeconomics, Undergraduate)	U. Central FL	1999
American Economy in the 20th Century	OH State U.	1997
Current Economic Issues in USA	OH State U.	1996

Doctoral Dissertation Committees:

Monica Aswani. Dept of Health Care Organization & Policy, UAB. “Effects of Medicare Reimbursement Policies on Quality of Hospital Care” (Chair: Dr. Meredith Kilgore). Completed Fall, 2018.

Keith D. Brady. Dept. of Health Services Administration, UAB. “Effects of Medicaid Expansion on the Financial Performance of Rural Hospitals” (Chair: Dr Allyson Hall). Completed Summer, 2018.

Anne E. Epstein. Dept of Health Care Organization & Policy, UAB. “Autism Spectrum Disorders and Social-Ecological Models: Understanding how Context Drives Prevalnce” (Chair: Dr Martha Wingate). Completed Fall, 2017.

Siddharth Jain. Dept of Health Care Organization & Policy, UAB. “Quality of Care & Racial Disparities in Head and Neck Cancer Treatment” (Chair: Dr. Meredith Kilgore). Completed Summer, 2017.

Vance M Chunn. Dept. of Health Services Administration, UAB. “Hospital-Physician Vertical Integration: The Effect of Integration on Cardiology Compenstation and Clinical Productivity” (Chair: Dr Amy Landry). Completed Summer, 2016.

Carolyn Tory Harper. Dept. of Health Services Administration, UAB. Dissertation title: “Hospital Vertical Integration of Sub acute care services” (Chair: Dr. Christy Lemak). Completed Fall, 2016.

Lee Ann Flagg. Dept. of Sociology, UAB. “Exercise Adherence among Pregnant Women: The Roles of Socioeconomic Status, Attitudes towards Prenatal Exercise, and Social Support”. Completed, Summer, 2015.

Al Gatmaitan. Dept. of Health Services Administration, UAB. Dissertation title: “Safety Culture And Its Impact On Patient Harm Events: A Contingency Theory Perspective In The Context Of Complex Adaptive Systems” (Chair: Dr. S. Robert Hernandez). Completed, Summer, 2015.

Shivani Gupta. Dept. of Health Services Administration, UAB. Dissertation title: “Hospital Based Skilled Nursing Facilities” (Chair: Dr. Robert Weech-Muldonado). Completed, Summer, 2015.

Will Tarver. Dept of Health Care Organization & Policy, UAB. “Impact Of And Adoption Trends Of HIT In Cancer Care” (Chair: Dr. Nir Menachemi). Completed, Summer, 2015.

Bisakha (Pia) Sen

Samantha Goldfarb. Dept of Health Care Organization & Policy, UAB. Dissertation title: "Three Studies on Family Meals: "Examining the Predictors of Family Meals and its Impact on Adolescent Health" (Chair: Dr. Bisakha Sen). Completed, Fall 2014.

Chelsea Singleton. Dept. of Epidemiology. UAB. Dissertation title: "Farm-to-Consumer Outlet Usage among Low-Income Individuals in Birmingham, Alabama" (Chair: Dr. Olivia Affuso). Completed, Spring 2014.

Timothy Harlin. Dept. of Health Services Administration, UAB. Dissertation title: "Assessing System Congruence By Analyzing The Relationship Between Employee And Patient Driven System Outputs" (Chair: Dr. S. Robert Hernandez). Completed, Spring 2014.

Nitish Patidar. Dept. of Health Services Administration, UAB. Dissertation title: "Three Papers on Freestanding Emergency departments" (Chair: Dr. Robert Weech-Muldonado). Completed, Spring 2014.

Dong Yeong Shin. Dept. of Health Services Administration, UAB. Dissertation title: "The Role of Nurse Staffing Patterns on Environment-Hospital Performance Relationship" (Chair: Dr. Robert Weech-Muldonado). Completed, Spring 2014.

Taleah Collum. Dept. of Health Services Administration, UAB. "Hospital Financial Performance: A look at governance and hit strategies" (Chair: Dr. Nir Menachemi). Completed, Spring 2013.

Alva Ferdinand. Dept. of Health Care Organization & Policy, UAB. Dissertation title: "Studies on distracted driving: three papers examining the state of the literature and the impact of texting restrictions on motor vehicle crash-related fatalities and hospitalizations" (Chair: Dr. Nir Menachemi). Completed, Summer 2013.

Sheikilya Thomas. Dept. of Health Services Administration, UAB. Dissertation title: "Patient Trust among Economically-Disadvantaged African-American Hypertension Patients" (Chair: Dr. Robert Weech-Muldonado). Completed, Summer 2013.

Josue' Patien Epane. Dept. of Health Services Administration, UAB. Dissertation title: "Hospitalists and Organizational Performance" (Chair: Dr. Robert Weech-Muldonado). Completed, Summer 2013.

John McWorther, Dept. of Health Services Administration, UAB. Dissertation title: "A study of early adopters of innovation" (Chair: Dr. S. Robert Hernandez). Completed, Fall 2012.

Mark E. Anderson, Dept. of Health Services Administration, UAB. Dissertation title: "Exploring Oral Health Disparities for Children in the City of Milwaukee" (Chair: Dr. S. Robert Hernandez). Completed, Fall 2012.

Jonathan Drewry, Dept. of Health Care Organization & Policy, UAB. Dissertation title: "Evaluation of the Effect of the State Children's Health Insurance Program Unborn Child Ruling on Foreign-born Latina Rates of Prenatal Care Utilization, Adequacy, and Birth Outcomes from 2000-2007" (Chair: Dr. Martha S. Wingate). Completed, Fall 2012.

Valerie Yeager, Dept of Health Care Organization & Policy, UAB. Dissertation title: “Studies in Public Health Systems and Services Research: Three papers examining the market environment, quality improvement, and community partnerships” (Chair: Dr. Nir Menachemi). Completed, Spring 2012.

Gregory Ellis, Dept. of Health Services Administration. Dissertation title: “Factors that Affect the Self-Care Behaviors of Type II Diabetes” (Chair: Dr. Jeffrey Burkhardt). Completed, Spring 2010.

Anthony Goudie, Dept. of Health Services Administration, UAB “The Effect of Maternal Pre-Natal Insults on the BMI Growth Trajectory of Children Between 5 - 12 Years of Age” (Chair: Dr. Richard Shewchuck). Completed, Spring 2008.

Tommy J. Sanders, Dept. of Health Services Administration, UAB. Dissertation title: “Factors Influencing the Adoption Process of Administrative Innovations” (Chair: Dr. Thomas L. Powers). Completed, Fall 2007.

Directed/Mentored Student Research Projects:

Student	Title	Outcome
Christine Campbell	“DUI Laws and Motor Vehicle Fatalities among Children”	peer-reviewed publication nat/intl research presentation
Payal Patel	“Teen Motherhood and Long-Term Health Consequences”	peer-reviewed publication nat/intl research presentation
Anantachai Panjpirom	“State Gun Control Regulations & Gun Violence”	peer-reviewed publication nat/intl research presentation
Gabriel Tajeu	“Misuse of Odds Ratios in the Obesity Literature”	peer-reviewed publication
Sheikilya Thomas	“Gasoline Prices & Physical Activity Among Youth”	peer-reviewed publication nat/intl research presentation
Gabriel Tajeu	“Short Sleep & Secondary Eating and Drinking”.	nat/intl research presentation
Lee Anne Flagge	“Meal Planning and Food Shopping: Whose Job Is it? An Analysis Using NHANES data”	peer-reviewed publication nat/intl research presentation
Nitish Patidar	“Gasoline Prices, Unemployment, and Youth Driving”	peer-reviewed publication
Samantha Goldfarb	“Parent-Child Connectivity and School-Reported Problems”	peer-reviewed publication nat/intl research presentation
Will Tarver	“A Decomposition Approach to Understanding Racial Disparities in Obesity, Using NHANES Data”.	nat/intl research presentation
Divvy Upadhyay	“Health Economics Made Simple”	SOPH “Back of the Envelope” student award

Formal Mentoring Program Participation:

Bisakha (Pia) Sen

Faculty Mentor, UAB Health Disparities Research Training Award Program, Minority Health & Health Disparities Research Center. 2012-2014. Mentee: Carol Motley, Ph.D, UAB School of Business.

Faculty Mentor, UAB Nutrition Obesity Research Center. 2011-2013. Mentees: Lee Ann Flagg, Doctoral student, Department of Sociology, UAB College of Arts & Sciences & Chelsea Singleton, Doctoral student, Department of Epidemiology, UAB School of Public Health.