CURRICULUM VITA

Bisakha “Pia” Sen, Ph.D.

Blue Cross Blue Shield of Alabama Endowed Chair in Health Economics

Department of Health Policy & Organization

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Google Scholar: [Citations](https://scholar.google.com/citations?user=TmTICecAAAAJ) | LinkedIn: [Profile](https://www.linkedin.com/in/bisakha-pia-sen/) | Twitter: [@Sen\_Pia\_Bisakha](https://twitter.com/Sen_Pia_Bisakha)

**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 Policy & Organization, UAB (https://sites.uab.edu/bcbsalendowedchair/)

2014 Interim Director, Lister Hill Center for Health Policy, UAB

2013- Professor, Department of Health Policy & Organization, UAB

2007-2013 Associate Professor, Department of Health Policy & Organization, UAB

2007- Senior Scientist, Diabetes Research & Training Center, UAB

2006- Member, Nutrition Obesity Research Center, UAB

2002-2007 Assistant Professor, Department of Health Policy & Organization, 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 Ad hoc Reviewer; NIH Center for Scientific Review (CSR); Risk, Prevention and Health Behavior (RPHB) Integrated Review Group; Special Emphasis Panel (November, 2021).

2021 Ad hoc Reviewer, NIH Center for Scientific Review (CSR); Risk, Prevention and Health Behavior (RPHB) Integrated Review Group; Special Emphasis Panel (January, 2021)

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

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”. Commisioned 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

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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, A.E.\*\*, Sharma, P., Becker, D., Liu, Y.\*\*, McDougal, J., Nghiem, V.T., **Sen, B**.. Community-level social determinants of health and well-child visits among Alabama Medicaid enrollees. *Population Health Management* (in press)
2. Sen B., Brisendine A.E.\*\*, Yang N, Ghosh P. Disparities by race and insurance-status in declines in pediatric ED utilization during the COVID19 pandemic. 2022. PLoS ONE 17(2): e0262490. https://doi.org/10.1371/journal.pone.0262490
3. Blackburn J, Sharma P, Liu Y, Morrisey MA, Menachemi N, **Sen B**, Sanders T & Becker D.  Characteristics and outcomes associated with two asthma quality of care measures. *J. Asthma*, doi: [10.1080/02770903.2021.1996602](https://doi.org/10.1080/02770903.2021.1996602).
4. Hale N, Manalew WS, Leinaar E, Smith M, **Sen B**, Sharma P, Khoury A. Contraceptive Use and Pregnancy Outcomes Among Women Enrolled in South Carolina Medicaid Programs. *Matern Child Health J*. 2021 Oct 12:1-2. doi: 10.1007/s10995-021-03260-x. PMID: 34637063.
5. Meese, KA\*\*, Hearld, LR, O'Connor, SJ, Peterson, MD, Carroll, NW, **Sen, B.**. Environmental and organizational correlates and motivations for provider-sponsored health plan ownership in the post-reform era. *Health Care Manag. Rev*. 2021. July. doi: [10.1097/hmr.0000000000000316](https://doi.org/10.1097/hmr.0000000000000316) PMID: 34319281
6. 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 25(6). 956-966. doi: 10.1007/s10995-020-03064-5.
7. Bowen, PG, Opoku-Agyeman, W, Clay, OJ, McCaskill, G, Mixon, V, **Sen, B**, Pisu M, Martin, MY. Promoting Physical Activity Through Policy at a Single Safety-Net Clinic: A Pilot Study. *Tran J Am. College Sports Med*, 2021 Spring. *6*(2), e000160. doi: 10.1249/TJX.0000000000000160.
8. 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.0000000000000223. PMID: 30299382.
9. 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.
10. 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.
11. 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
12. **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.
13. 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.
14. Singleton CR, Young SK, Kessee 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.
15. 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.
16. 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.

1. 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.
2. 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](http://doi.org/10.1016/j.prro.2019.01.001). PMID: 30659934.
3. 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.0000000000000199. PMID: 29642087.
4. Epane JP, Weech-Maldonado R, Hearld L, Menachemi N, **Sen B**, O'Connor S, Ramamonjiarivelo Z. Hospitals' Use of Hospitalists: Implications for Financial Performance. Health Care Manag Rev.2019 Jan/Mar;44(1):10-18. doi: 10.1097/HMR.0000000000000170. PMID: 28700508.
5. **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.
6. 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)
7. 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.
8. 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](http://doi.org/10.1080/19371918.2018.1454867). PMID: 29608417.
9. 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](http://doi.org/10.1097/JHM-D-16-00034). PMID: 29533324.
10. 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.
11. 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](http://doi.org/10.1001/jamapediatrics.2017.2060). PMID: 28759673.
12. 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
13. 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>
14. 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.0000000000000113. PMID: 27309191.
15. 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.
16. 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
17. 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
18. Blackburn J, Morrisey 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.
19. 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](http://doi.org/10.1089/pop.2016.0013). PMID: 27419921.
20. 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.
21. 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](http://doi.org/10.1097/01.JHQ.0000462688.01125.c2)
22. Blackburn J, Becker DJ, Morrisey 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.
23. 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
24. **Sen B**, Blackburn J, Kilgore ML, Morrisey 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.
25. 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.
26. 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](http://doi.org/10.5993/AJHB.40.4.6)
27. 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](http://doi.org/10.1111/1475-6773.12356). PMID: 26369710. PMCID: PMC4874833.
28. 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](http://doi.org/10.1249/01.mss.0000486991.56755.60)
29. 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
30. Morrisey 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](http://doi.org/10.1177/003335491613100219)
31. 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](http://doi.org/10.1016/j.amepre.2015.08.004). PMID: 26507301. PMCID: PMC4762716.
32. Bronstein JM, Morrisey 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](http://doi.org/10.1111/1475-6773.12319). PMID: 26058985. PMCID: PMC4722207.
33. **Sen B**, Blackburn J, Aswani MS\*\*, Morrisey 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](http://doi.org/10.1177/0046958016645000). PMID: 27166411. PMCID: PMC5798702.
34. 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.
35. 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](http://doi.org/10.1016/j.adolescence.2015.07.008). PMID: 26275745.
36. 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
37. 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](http://doi.org/10.1016/j.jemermed.2015.01.034)
38. 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](http://doi.org/10.1089/env.2015.0011). PMID: 27746854. PMCID: PMC5063235.
39. 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](http://doi.org/10.1007/s10995-014-1650-5). PMID: 30077675.
40. Morrisey 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.
41. Becker DJ, Blackburn J, Morrisey 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
42. Ferdinand AO\*\*, Menachemi N, Blackburn JL, **Sen B,** Nelson L, Morrisey 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](http://doi.org/10.2105/AJPH.2014.302537). PMID: 25790409. PMCID: PMC4386499.
43. 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](http://doi.org/10.1155/2015/813493). PMID: 26543664. PMCID: PMC4620387.
44. 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
45. 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;1*7*(9):2061-2070. doi: [10.1017/S1368980013002267](http://doi.org/10.1017/S1368980013002267)
46. 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](http://doi.org/10.2105/AJPH.2014.301894). PMID: 24922151. PMCID: PMC4103220.
47. **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](http://doi.org/10.1002/oby.20755). PMID: 24733610.
48. **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. PMID: 24967148. PMCID: PMC4063370.
49. 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;3*9*(1):50-65. doi: [10.1097/HMR.0b013e3182826624](http://doi.org/10.1097/HMR.0b013e3182826624). PMID: 23358132.
50. 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](http://doi.org/10.2147/PRBM.S40461). PMID: 24627645. PMCID: PMC3931580.
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**Chapters in Peer-Reviewed Edited Research Volumes:**

Xie R, **Sen B,** Foster ME. “Vulnerable Youth and Transitions to Adulthood” in New Directions for Adult and Continuing Education, 2014: 29–38. doi: 10.1002/ace.20102 (Chapter dedicated to Dr. Foster who passed away on May 15, 2013).

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**Other Book Chapters:**

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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###### Abstracts (Selected):

Patidar N, Weech-Maldonado R, O'Connor SJ, Trimm JM, **Sen BP,** Camargo CA. “Relationship Between Hospital Operating Freestanding-Emergency Department and Financial Performance”. *Acad of Manag Annual Meeting Proceedings* 2015(1):16428-16428. doi: 10.5465/AMBPP.2015.16428abstract

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

McWhorter J, Hernandez SR, **Sen B**, Patrician P, Luquire R. "Organizational Predictors of Early Adopters of Innovation”. *Acad of Manag Annual Meeting Proceedings.* 2013 Feb;2013(1):16636. doi: https://doi.org/10.5465/ambpp.2013.16636abstract

Xin H, Kilgore M, **Sen B**, Menachemi N. “[Is use of a patient-centered medical home associated with reduced health care utilization and costs? Empirical evidence from a US nationally representative sample](http://www.ijic.org/index.php/ijic/article/download/URN%3ANBN%3ANL%3AUI%3A10-1-116011/2321)”. *Int J Integr Care.* 2013 Nov;13(8). doi: 10.5334/ijic.1479

**INVITED & SPONSORED PRESENTATIONS**

Morrisey 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.

**Sen, B.** “Gun Policy & Gun Deaths: A Public Health Research Perspective.” *Healthcare Perspectives on Gun Violence, s*ponsored 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**. “Intrumental 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 Outcomees 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.

**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 Acacdemy of Management*. Paris, France. 2016.

**Sen B,** Blackburn J, Kilgore M, Becker D, Morrisey 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.

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,** Backburn J, Xie R. “Deepwater Horizon Oil Spill’s Health Impact on Vulnerable Children in Alabama”. Oral Presentation, *2014 Annual Meetng 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. Sepember 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 Minnesotta. 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 Minnesotta. Minneapolis, MN. Jun 2012.

**Sen B**,Ferdinand A**,** Rahurkar 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**,** Rahurkar 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, Morrisey 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.

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,** Morrisey 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.

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

**No #, Internal (Fifolt)** 10/01/2021-09/30/2022

Alabama Department of Public Health / UAB Department of Pediatrics/Children's of Alabama

ACHIA Immunization Collaborative (Stay Well AL) & Longitudinal Data Network

Assisting the Applied Evaluation and Assessment Collaborative (AEAC) in their evaluation of the Alabama Child Health Improvement Alliance (ACHIA) Teen Vaccine Immunization Collaborative by using public insurance claims data to monitor improvements in apatient vaccination rates among healthcare practices that participate in ACHIA.

Role: Investigator

**No # (Preskitt)** 10/01/2021-09/30/2022

Alabama Department of Early Childhood Education

First Teacher Home Visiting Program, 2021-2022

Assisting with the implementation and evaluation for the First Teacher Home Visiting Program (formerly *First Teacher Home Visiting Program, 2020-2021*). 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

**No # (Preskitt)** 10/01/2021-09/30/2022

Alabama Department of Early Childhood Education

B5 Research and Evaluation Project

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 (formerly *B8 Cohesive Systems & First Class Pre-K Evaluation*). 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: Co-Investigator

**C200629944 (Sen)** 10/1/2020-9/30/2023

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

**U210400 (Preskitt)** 10/1/2020-12/30/2021

Alabama Department of Education (AKA Alabama State Department of Education)

ALSDE Literacy Act Evaluation

Assisting the Applied Evaluation and Assessment Collaborative (AEAC) (in concert with researchers from the UAB School of Education, researchers from the Public Affairs Research Council of Alabama [PARCA], database management specialists from ThinkData Solutions, and researchers from the UA College of Education Literacy Center) with research evaluation activities related to the statewide Language Essentials for Teachers of Reading and Spelling (LETRS) program.

Role: Investigator

**16CF1506016005 (Preskitt)** 10/01/2020-09/30/2021

Alabama 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 *2019-2020 Home Visiting Grant*). 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 (Preskitt)** 10/01/2020-09/30/2021

Alabama Department of Early Childhood Education

B8 Cohesive Systems & First Class Pre-K Evaluation

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 (formerly *DECE Preschool Development*). 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

**5R01DK123205-02/Cornell University subaward 213429 (Franco)** 08/01/2020-07/31/2022

NIH – National Institutes of Health/DHHS / Cornell University

Disparities in the Diffusion of Direct-Acting Antiviral Therapy for Hepatitis C among Baby Boomers: A Mixed Methods Study

This innovative mixed methods and multi-site study will advance the National Viral Hepatitis Action Plan (NVHAP) by producing closer to real-time monitoring of implementation of NVHAP, tracking diffusion into vulnerable baby boomer populations of a costly, curative treatment and developing and implementing tools to understand how factors such as living in a disadvantaged community, discrimination, stigma, poor access, out-of-pocket costs, and depression impede progress toward NVHAP’s goals of addressing racial/ethnic disparities. The study will produce findings about how race and ethnicity influence HCV care and will identify potential strategies to eradicate HCV among populations facing challenges in maintaining access to care.

Role: Co-Investigator

**C00119199 (Becker)** 08/01/2020-12/31/2021

Centers for Medicare and Medicaid Services/DHHS / Alabama Department of Public Health

Centers for Medicare and Medicaid Services/DHHS / 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. # (Becker)** 08/28/2020-08/27/2021

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-Investigator

**No #, Internal (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 (Preskitt)** 10/01/2019-09/30/2020

Alabama Department of Early Childhood Education

2019-2020 Home Visiting Grant

Assisting with the implementation and evaluation for the Home Visiting Program (formerly *University of Alabama Birmingham, 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 (Preskitt)** 10/01/2019-09/30/2020

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 Alabma in partnership with the Alabama Department of Children’s Affairs (new name: Alabama Department of Early Childhood Education) (formerly *DCA Preschool Development*).

Role: Investigator

**No #, Internal (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 (Saag/Mugavero)** 06/01/2019-05/31/2024

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 (Becker)** 04/01/2019-03/31/2020

Centers for Medicare and Medicaid Services/DHHS / 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 # (Budhwani)** 03/01/2019-12/31/2019

Women’s Foundation of Alabama

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

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

Role: Investigator

**16CF1506016005 (Preskitt)** 10/01/2018-09/30/2019

Department of Early Childhood Education

University of Alabama Birmingham, MIECHV

Assisting with the implementation and evaluation for the Maternal, Infant, and Early Childhood Home Visiting Program in partnership with the Alabama Department of Early Childhood Education (previous name: Alabama Department of Children’s Affairs) (formerly *DCA Home Visiting*). 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 (Preskitt)** 10/01/2018-09/30/2019

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 Alabma in partnership with the Alabama Department of Children’s Affairs (new name: Alabama Department of Early Childhood Education).

Role: Investigator

**No # (Preskitt)** 08/01/2018-09/30/2019

Alabama Department of Education (AKA 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

**No # (Sen)** 10/1/2017-09/30/2019

Society of Family Planning

State Abortion Access Restrctions and their Relationship to Prenatal and Infant Helth: 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

**C80113037 (Becker)** 10/01/2017-09/30/2018

Centers for Medicare and Medicaid Services/DHHS / 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 underdiagnosed for minorities and rural children in earlier years. Notable differences in trends were noted by race and rurality.

Role: PI of Component Project

**17-069-1-S1.1 – 17.069-1-S1.6 (Khoury)** 08/1/2017-02/28/2023

Buffett (Susan Thompsoon) Foundation / 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 (Fouad/Sen)** 09/26/2012-01/31/2019

National Institute on Minority Health and Health Disparities/NIH/DHHS

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 (Becker)** 04/01/2016-04/30/2017

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 (Hites)** 08/01/2015-07/31/2016

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

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 (Becker)** 01/01/2015-12/31/2015

Centers for Medicare and Medicaid Services/DHHS / 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 (Fouad)**  09/30/2014-09/29/2018

National Center for Chronic Disease Prevention & Health Promotion/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 (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

**PGA-5 (Menachemi)** 03/01/2014-02/28//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 guage the extent to which Railroad Park was being used for physical activity by people in different demographic groups.

Role: Investigator

**No #, Internal (Blackburn)** Oct 2013-Feb 2015

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

**1U54MD008602-01 (Hullett/Martin/Butler)**  07/01/2013- 06/30/2016

National Institute on Minority Health and Health Disparities/NIH/DHHS / Bayou La Batre Clinic

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

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 (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

**PGA-5 (Menachemi)** 10/01/2012-12/31/2015

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 guage the extent to which Railroad Park was being used for physical activity by people in different demographic groups.

Role: Investigator

**No # (Sen)** 09/01/2012-08/31/2013

Peoples Health

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 (Bronstein)** 05/15/2012-05/14/2015

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

**No # (Allison)** 11/28/2011-11/27/2012

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 abstrats and actual study findings, and evidence of manipulation of p-values in studies published in leading obesity and public health journals.

Role: Investigator

**C10114260 (Menachemi)** 06/01/2011-12/31/2014

Centers for Medicare and Medicaid Services/DHHS / 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 (Sen)** 08/16/2010- 07/31/2013

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 (Menachemi)** 05/01/2010-03/18/2012

CDC – Centers for Disease Control and Prevention/DHHS / 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 (Menachemi)** 05/01/2010-03/18/2012

CDC – Centers for Disease Control and Prevention/DHHS / United Way of Central Alabama, Inc.

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 (Sen)** 02/01/2010- 01/31/2012

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 (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 (Wingate)** 06/01/2009-05/31/2015

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 (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 (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.

Role: PI

**No # available, (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 (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 (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 (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

**No # available (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

Newsbreak, Nov 2021: <https://www.newsbreak.com/news/2446934998646/early-education-for-all-even-amid-covid-a-state-s-bold-2025-plan-for-4-yr-olds>

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>

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-oft-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 Policy & Organization

 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 Policy & Organization, DrPH Committee

2011-2015 Member, UAB School of Pubic 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 Vertigal 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.

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 Administative 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:**

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.