

## **VITA**

### **W. David Bradford, Ph.D.**

*George D. Busbee Chair in Public Policy*

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#### **Work:**

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#### **Education**

Ph.D., Economics, Louisiana State University, 1991.  
M.S., Economics, Louisiana State University, 1989.  
B.S., Foreign Languages, Mississippi State University, 1987.

#### **Research and Teaching Interests**

Health Economics, Health Policy, Substance Use Policy and Outcomes, the  
Pharmaceutical Industry, Time and Risk Preferences.

#### **Professional Experience**

Professor (with tenure) and George D. Busbee Chair in Public Policy, Department of  
Public Administration and Policy, University of Georgia, August 2008 to present.  
Professor (Secondary Appointment), Department of Economics, University of Georgia,  
August 2013 to present.  
Talbot Visiting Professor, Frank Batten School of Leadership and Public Policy,  
University of Virginia, January 2020 to May 2020.  
Affiliate, William A. and Barbara R. Owens Institute for Behavioral Research, University  
of Georgia, March 2012 to present.  
Director, Center for Health Economic and Policy Studies, Medical University of South  
Carolina, December 2002 to 2008.  
Professor (with tenure), Department of Health Administration and Policy, Medical  
University of South Carolina, July 2003 to 2008.  
Department Chair (Interim), Department of Health Administration and Policy, Medical  
University of South Carolina, 2004 to 2005.  
Associate Professor (with tenure), Department of Health Administration and Policy,  
Medical University of South Carolina, July 1998 to 2003.  
Visiting Associate Professor (sabbatical), Department of Medicine, Yale University, June  
1997 to July 1998.

Associate Professor (with tenure), Department of Economics, University of New Hampshire, August 1996 to May 1998.

Assistant Professor, Department of Economics, University of New Hampshire, August 1991 to May 1996.

## Editorial Positions

**Co-Editor:** *Health Economics*, 2019 to present.

**Associate Editor:** Member of Editorial Board for *Health Economics* (John Wiley and Sons, Publishers), 1997 to present; Associate Editor, 2006 to 2019.

**Associate Editor:** *Implementation Research and Practice*, 2018 to present.

## Professional Leadership

Board of Directors (Member): American Society of Health Economists, 2021 to present.

Board of Directors (Member): International Health Economics Association, 2011 to 2017.

Steering Committee (Chair): Southeastern Health Economics Study Group, 2001 to present

Steering Committee (Member): Annual Health Economics Conference, 2008 to present.

## Awards

Georgescu-Roegen Prize, 2012 (Best academic paper published in *Southern Economic Journal*).

Certificate of Appreciation, Centers for Disease Control and Prevention Effectiveness Fellowship Program, August 2006

College of Health Professions Scholar of the Year, Medical University of South Carolina, 2000.

Whittemore School of Business and Economics Summer Research Grant, University of New Hampshire, 1996.

Department of Economics 1995-96 Outstanding Scholar, University of New Hampshire.

University of New Hampshire Summer Faculty Fellowship, Summer 1995.

University of New Hampshire Summer Faculty Fellowship, Summer 1994.

Excellence in Teaching Award, College of Business, Louisiana State University, 1990.

Excellence in Teaching Award, Department of Economics, Louisiana State University, 1989 and 1990.

## Publications

### *Peer-Reviewed Journals*

1. Nguyen T, Andraka-Christou B, **Bradford WD**, Simon K. "Opting into the Public List of DATA-Waivered Practitioners: Variations by Specialty, Treatment Capacity, and Practitioner Characteristics" *Journal of Addiction Medicine*. (Forthcoming).

2. Abraham AJ, Lawler EC, Harris SJ, Adams GB, **Bradford WD**. "Spillover of Medicaid Expansion to Prescribing of Opioid Use Disorder Medications in Medicare Part D." *Psychiatric Services*. (Forthcoming).
3. Nguyen T, Cantor J, Andraka-Christou B, **Bradford WD**, Simon K. "Where Did the Specialty Behavioral Health Workforce Grow between 2011 and 2019? Evidence from Census Data." *Journal of Substance Abuse Treatment*. (Forthcoming).
4. Krousel-Wood M, Craig LS, Peacock E, Zlotnicj E, O'Connell S, **Bradford WD**, Shi L, and Petty R. "Medication Adherence: Expanding the Conceptual Framework." *American Journal of Hypertension*. (Forthcoming).
5. Nguyen T, Spetz J, Meunch U, Andraka-Christou B, **Bradford WD**, Simon K. "The Association between Scope of Practice Regulations and Nurse Practitioner Prescribing of Buprenorphine after the 2016 Opioid Bill." *Medical Care Research and Review*. (Forthcoming).
6. Atkins DN, **Bradford WD**. "The Effect of State-Level Sex Education Policies on Youth Sexual Behaviors." *Archives of Sexual Behavior*. (Forthcoming).
7. Andraka-Christou B, Nguyen T, **Bradford WD**, Simon K. "Assessing the Impact of Drug Courts on Provider-Directed Marketing Efforts by Manufactures of Medications for the Treatment of Opioid Use Disorder." *Journal of Substance Abuse Treatment*. (forthcoming).
8. Zier ER, **Bradford WD**. "To Attend or Not to Attend? The Effect of School-Immunization Exemption Policies on Enrollment Rates for Prekindergarten, Kindergarten and Elementary Aged Youth." *Vaccine*. 38(11): 2578-2584. 2020.
9. Bradford AC, **Bradford WD**. "The Effect of Evictions on Accidental Drug and Alcohol Mortality." *Health Services Research*. 55(1): 9-17. 2020.
10. Nguyen T, Andraka-Christou B, **Bradford WD**, Simon K. "Provider-Directed Marketing May Increase Prescribing of Medications for Opioid Use Disorder." *Journal of Substance Abuse Treatment*. 104: 104-115. 2019.
11. Nguyen T, **Bradford WD**, Simon K. "Pharmaceutical Payments to Physicians May Increase Prescribing for Opioids." *Addiction*. 114(6): 1051-1059. 2019.
12. Abraham AJ, Adams GB, Bradford AC, **Bradford WD**. "County-Level Access to Opioid Use Disorder Medications in Medicare Part D (2010-2015)." *Health Services Research*. 54(2): 390-398. 2019.

13. Nguyen T, Andraka-Christou B, Simon K, **Bradford WD**. "Rural versus Urban Comparison of Direct-to-Physician Commercial Promotion of Medications for Treating Opioid Use Disorder" *JAMA Network Open*. 2(12): e1916520. 2019.  
doi:10.1001/jamanetworkopen.2019.16520
14. Dalton TM, **Bradford WD**. "Better Together: Coexistence of For-profit and Nonprofit Firms with an Application to the U.S. Hospice Industry." *Journal of Health Economics*. 63(1): 1-18. 2019.
15. Doucette MH, **Bradford WD**. "Dual Job Holding and the Gig Economy: Allocation of Effort Across Primary and Gig Jobs." *Southern Economic Journal*. 85(4): 1217-1242. 2019
16. **Bradford WD**, Dolan PJ, Galizzi MM. "Looking Ahead: Subjective Time Perception and Individual Discounting." *Journal of Risk and Uncertainty*. 58(1): 43-69. 2019.
17. **Bradford, WD** Turner, JL, Williams JW. "Off-Label Use of Pharmaceuticals: A Detection Controlled Estimation Approach." *Journal of Industrial Economics*. 66(4): 866-903. 2018.
18. Bradford AC, **Bradford WD**. "The Impact of Medical Cannabis Legalization On Prescription Medication Use and Costs in Medicare Part D." *Journal of Law and Economics*. 61(3), 461-487. 2019.
19. Bradford AC, **Bradford WD**, Abraham A., Adams GB. "The Impact of Medical Cannabis Laws on Opioid Prescribing in Medicare Part D, 2010-2015." *JAMA - Internal Medicine*. 178(5):667-672. 2018.
20. **Bradford, WD**. Courtemanch C, Heutel G, McAlanah P, Ruhm, C. "Time Preferences and Consumer Behavior." *Journal of Risk and Uncertainty*. 55(2-3): 119-145. 2017
21. Bradford AC, **Bradford WD**. "Medical Marijuana Laws May Be Associated With Decline In The Number Of Prescriptions For Medicaid Enrollees." *Health Affairs*, 36(5): 945-951, 2017.
22. Bradford AC, and **Bradford WD**. "Factors Driving the Diffusion of Medical Marijuana Legalization in the United States." *Drugs: Education, Prevention and Policy*, 24(1): 75-84, 2016.
23. McRoy L, Weech-Madonado R, **Bradford WD**, Menachemi N, Morrissey M, & Kilgore M. "The effects of direct-to-consumer advertising on medication use among Medicaid children with asthma." *Health Marketing Quarterly*. 33(3): 195-205, 2016.

24. Bradford AC, **Bradford WD**. "Medical Marijuana Laws Reduce Prescription Medication Use In Medicare Part D." *Health Affairs*. 35(7): 1230-1236, 2016.
  - Debate in the literature on the paper included: Theodore L. Caputi and Keith Humphreys, "Medicare Recipients' Use Of Medical Marijuana." *Health Affairs* 35(10): 1936; and a reply by Ashley C. Bradford and W. David Bradford, "Medical Marijuana Laws: The Authors Reply." *Health Affairs* 35(10): 1937.
  - "Most Read" and "Most Shared" article for 2016 for the journal Health Affairs (<http://healthaffairs.org/blog/2016/12/21/the-top-10-health-affairs-articles-of-2016/>).
25. Bullock, JB, **Bradford, WD**. "The Differential Effect of Compensation Structures on the Likelihood that Firms Accept New Patients by Insurance Type," *International Journal of Health Economics and Management*. 16(1): 65-88, 2016.
26. Li S, **Bradford WD**, Whelton PK, Krousel-Wood M. "Influences of Obesity on Healthcare Utilization: Gender Differences." *Journal of Investigative Medicine*. 64( 2): 700-701, 2016.
27. **Bradford WD**, Kleit AN. "Impact of FDA Actions, DTCA and Public Information on the Market for Pain Medication" *Health Economics*. 24(7): 859-875, 2015.
28. **Bradford, W. D.**, Mandich, A. " Some state vaccination laws contribute to greater exemption rates and disease outbreaks in the United States." *Health Affairs*, 34(8), 1383-1390, 2015.
29. Atkins DN, **Bradford WD**. "Association Between Increased Emergency Contraception Availability and Risky Sexual Practices" *Health Services Research*. 50(3), 809-829, 2015. DOI: 10.1111/1475-6773.12251
30. Atkins DN, **Bradford WD**. "The Effect of Changes in State and Federal Policy for Non-Prescription Access to Emergency Contraception on Youth Contraceptive Use: A Difference-in-Difference Analysis Across New England States." *Contemporary Economic Policy*. 33(3), 405-417, 2015. DOI: 10.1111/coep.12081.
31. Jayawardhana J, **Bradford WD**, Jones W, Nietert PJ, Silvestri G. "Master Settlement Agreement (MSA) Spending and Tobacco Control Efforts." *PLOS ONE*, 9(12): e114706, 2014.
32. Atkins DN, **Bradford WD**. "Changes in State Prescription Contraceptive Mandates For Insurers: The Effect on Women's Contraceptive Use." *Perspectives on sexual and reproductive health* 46(1): 23-29, 2014.
33. **Bradford WD**, Lastrapes WD. "A Prescription of Unemployment? Recessions and the Demand for Mental Health Drugs" *Health Economics* 23(1): 1301-1325, 2014.

34. Saldana L, Chamberlain P, **Bradford WD**, Campbell M, Landsverk J. "The Cost of Implementing New Strategies (COINS): A Method for Mapping Implementation Resources Using the Stages of Implementation Completion." *Children and Youth Services Review*. 39 (2014): 177-182.
35. Sheidow A, Jayawardhana J, **Bradford WD**, Henggeler S, Shapiro SB. "Money Matters: Cost Effectiveness of Juvenile Drug Court with and without Evidence-Based Treatments." *Journal of Child & Adolescent Substance Abuse*. 21(1): 69-90, 2012.
36. **Bradford WD**, Kleit AN. "Can Credence Advertising Effects Be Isolated? Can They Be Negative?: Evidence From Pharmaceuticals" *Southern Economic Journal*. 78(1): 167-190, 2011. **Winner of 2012 Georgescu-Roegen Prize (Best academic paper published in the Southern Economic Journal)**.
37. **Bradford WD**, Dolan P. "Getting Used to It: The Adaptive Global Utility Model." *Journal of Health Economics*. 29(6): 811-820, 2010.
38. **Bradford WD**, Silvestri G, Zoller J. "Estimating the Effect of Individual Time Preferences on the Use of Disease Screening." *Southern Economic Journal*. 76(4): 1005-1031, 2010.
39. **Bradford WD**. "The Association Between Individual Time Preferences and Health Maintenance Habits." *Medical Decision Making*. 30(February): 99-112, 2010.
40. **Bradford WD**, Klieit AN., Neitert PJ, Ornstein S. "The Effect of Direct to Consumer Television Advertising on the Timing of Treatment." *Economic Inquiry*. 48(2): 306-322, 2010.
41. Axon RN, **Bradford WD**, Egan BM. "The Role of Individual Time Preferences In Health Behaviors Among Hypertensive Adults: A Pilot Study." *Journal of the American Society of Hypertension*. 3(1): 35-41, 2009.
42. Clancy C, Dismuke CE, Magruder K, Simpson K, **Bradford WD**. "Do Group Visits Lead to Lower Costs of Diabetes Care?" *American Journal of Managed Care*, 14(1): 39-44, 2008.
43. Terza JV, **Bradford WD**, Dismuke CE. "The Use of Linear Instrumental Variables Methods in Health Services Research and Health Economics: A Cautionary Note." *Health Services Research*. 43(3): 1102-1120, 2008.
44. Silvestri GA, Nietert PJ, Zoller J, Carter C, **Bradford WD**. "Attitudes Toward Screening for Lung Cancer Among Smokers and Their Non-Smoking Counterparts." *Thorax*, 62:126-130. 2007.

45. **Bradford WD**, Kleit AN., Neitert PJ, Ornstein S. "The Effect of Direct to Consumer Television Advertising for Hydroxymethylglutaryl Coenzyme A Reductase Inhibitors on the Attainment of LDL-C Goals." *Clinical Therapeutics*, 28(12): 2105-2118, 2006. Editorial written on paper *Clinical Therapeutics*, 28(12): 2104. Letters, and response by authors published in *Clinical Therapeutics*.
46. **Bradford WD**, Kleit AN, Neitert PJ, Steyer T, McIlwain T, Ornstein S. "How Direct to Consumer Television Advertising for Osteoarthritis Drugs Affects Physicians' Prescribing Behavior." *Health Affairs*. 25(5):1371-1377, 2006.
47. Masoudi FA, Baillie CA, Wang Y, **Bradford WD**, Steiner JF, Havranek EP, Foody JM, Krumholz HM. "The Complexity and Cost of Drug Regimens of Older Patients Hospitalized With Heart Failure in the United States, 1998-2001." *Archives of Internal Medicine*. 165:2069-2076, 2005.
48. **Bradford WD**, Kleit AN, Krousel-Wood MA, Re RN. "Comparing Willingness to Pay for Telemedicine Across a Chronic Heart Failure and Hypertension Population" *Telemedicine Journal*, 11(4):430-438, 2005.
49. Nietert PJ, **Bradford WD**, Kaste LM. "The impact of an innovative reform to the South Carolina Dental Medicaid System." *Health Services Research*, 40(4):1078-1091, 2005.
50. **Bradford WD**, Kleit AN, Krousel-Wood MA, Re RN. "Willingness to pay for telemedicine assessed by the double-bounded dichotomous choice method." *Journal of Telemedicine and Telecare*, 10(6): 325-330, 2004.
51. Wager KA, **Bradford WD**, Lee FW, Jones W, Kilpatrick AO. "Qualitative Evaluation of South Carolina's Postpartum/Infant Home Visit Program." *Public Health Nursing*, 21(6): 541-546, 2004.
52. Hueston WJ, **Bradford WD**, Sheperd TM. "Family medicine and hospital specialty match rates: Does the economy have anything to do with it?" *Family Medicine*. 35(4):265-269, 2004.
53. Sheidow AJ, **Bradford WD**, Henggeler SW, Rowland MD, Halliday-Boykins C, Schoenwald SK, Ward DM. "Treatment Costs for Youths in Psychiatric Crisis: Multisystemic Therapy versus Hospitalization." *Psychiatric Services*. 55: 548-554, 2004.
54. Ornstein S, Jenkins RG, Nietert PJ, Feifer C, Roylance LF, Nemeth L, Corley S, Dickerson L, **Bradford WD**, Litvin C. "A Multimethod Quality Intervention to Improve Preventative Cardiovascular Care." *Annals of Internal Medicine*. 141(7):523-532, 2004.

55. **Bradford WD**, Mobley L. "Employment-Based Health Insurance and the Effectiveness of Intra-Firm Competition between Insurance Providers." *Southern Economic Journal*, 70(4): 1012-1031, 2004.
56. **Bradford WD**, Kaste LM, Neitert PJ. "Continuity of Medical Care, Health Insurance, and Nonmedical Advice in the First 3 Years of Life." *Medical Care*, 42(1): 91-98, 2004.
57. **Bradford WD**. "Pregnancy and the Demand for Cigarettes." *American Economic Review*, 93(5): 1752-1763, 2003.
58. **Bradford WD**, Neitert PJ, Kaste LM, Lala RF. "Increased Dental Medicaid Reimbursement Rates in SC." *Journal of Public Health Dentistry* 2003; 63(S1):S37.
59. **Bradford WD**, Krumholz HM. "The Effect of Managed Care Penetration on the Treatment of Acute Myocardial Infarction in the Fee-For-Service Medicare Population." *International Journal of Health Care Finance and Economics*, 2:265-283, 2003.
60. Krumholz HM, Weintraub WS, **Bradford WD**, Heidenreich PA, Mark DB, Paltiel D. "The Cost of Prevention: Can we afford it? Can we afford not to do it?" *Journal of the American College of Cardiology* 2002; 40(4): 603-615.
61. **Bradford WD**, Kleit AN, Krousel-Wood MA, Re RN. "A Two-Part Model of the Cost of Treating Benign Prostatic Hyperplasia and the Impact of Innovation." *Applied Economics*, 34:1291-1299, 2002.
62. **Bradford WD**, Kleit AN, Krousel-Wood MA, Re RN. "Testing the Efficacy of Telemedicine: A Detection Controlled Estimation Approach." *Health Economics*, 10(6):553-564, 2001.
63. Krousel-Wood MA, Re RN, Abdoh A, Chambers R, Altobello C, Ginther B, **Bradford WD**, Kleit AN. "The Effects of Education on Patients' Willingness to Participate in a Clinical Trial of Telemedicine Targeting Medical Care of Hypertensives." *Journal of Telemedicine and Telecare*, 7(5):281-287, 2001.
64. **Bradford WD**, Kleit AN, Krousel-Wood MA, Re AN. "Stochastic Frontier Estimation of Cost Models within the Hospital." *Review of Economics and Statistics*, 83(2):302-309. 2001.
65. Wexler D, Chen J, Radford MJ, Yaari S, **Bradford WD**, Krumholz HM. "Predictors of Costs of Caring for Elderly Patients Discharged with Heart Failure." *American Heart Journal*, 142(2):350-57. 2001.



66. Druss BG, **Bradford WD**, Rosenheck RA, Radford MJ, Krumholz HM. "Quality of Medical Care and Excess Mortality in Older Patients with Mental Disorders" *Archives of General Psychiatry*, 58(6):565-72. 2001.
67. Krousel-Wood MA, Re RN, Abdoh A, Gomez N, Chambers RB, **Bradford WD**, Kleit AN. "A Method to Report Utilization for Quality Initiatives in Medical Facilities." *The Ochsner Journal*. 3(4):200-206, 2001.
68. Krousel-Wood MA, Re RN, Abdoh A, **Bradford WD**, Kleit AN, Chambers R, Altobello C, Ginther B, Gomez N. "Patient and Physician Satisfaction in a Clinical Study of Telemedicine in a Hypertensive Patient Population." *Journal of Telemedicine and Telecare*, 7:206-211, 2001.
69. Krumholz HM, Chen YT, Vaccarino V, Wang Y, Radford MJ, **Bradford WD**, Horwitz RI. "Correlates and impact on outcomes of worsening renal function in patients greater than or equal to 65 years of age with heart failure." *American Journal of Cardiology*, 85(9): 1110-1113, 2000.
70. **Bradford WD**, Martin RL. "Partnerships, Intra-Firm Competition and Quality Choice in the Medical Profession." *Review of Industrial Organization*, 17: 193-208, 2000.
71. Druss BG, **Bradford WD**, Rosenheck RA, Radford MJ, Krumholz HM, "Mental Disorders and Use of Cardiovascular Procedures After Myocardial Infarction." *JAMA*, 283(4): 506-511, 2000.
72. Krumholz HM, Chen YT, **Bradford WD**, Ceresse J. "Variations and correlates of length of stay among patients hospitalized with heart failure in academic hospitals." *American Journal of Managed Care*, 5(6): 715-723, 1999.
73. **Bradford WD**, Chen J, Krumholz HM. "Under-utilization of beta-blockers after acute myocardial infarction: pharmacoeconomic implications." *Pharmacoeconomics*, 15(3): 257-268, 1999.
74. Mobley L, **Bradford WD**. "'Profit' Variability Among Hospitals: Ownership or Location?" *Applied Economics*, 29: 1125-1138, 1997.
75. DeFelice LC, **Bradford WD**. "Relative Inefficiencies in Production between Solo and Group Practice Physicians" *Health Economics*, 6:455-465, 1997.
76. **Bradford WD**, Craycraft C. "Prospective Payments and Hospital Efficiency," *Review of Industrial Organization*, 11(6): 791-809, 1996.

77. **Bradford WD.** "Efficiency in Employment-Based Health Insurance: The Potential for Supra-Marginal Cost Pricing," *Economic Inquiry*, 34(2): 341-356, 1996.
78. **Bradford WD.** "The Effects of a Relative Value Reimbursement Scheme on the Medical Market: Lessons from Medicaid," *Review of Industrial Organization*, 10(4): 511-532, 1995.
79. **Bradford WD, Martin RL.** "A Test of the Supplier Induced Demand Hypothesis with Endogenous Quality," *Eastern Economic Journal*, 21(4): 491-504, 1995.
80. **Bradford WD, Martin RL.** "Office Triage and the Physician Labor Supply Curve," *Empirical Economics*, 20(2): 303-325, 1995.
81. **Bradford WD.** "Solo versus Group Practice in the Medical Profession: The Influence of Malpractice Risk," *Health Economics*, 4(2): 95-112, 1995.
82. **Bradford WD.** "National Health Care and Quality of Service: Lessons from Medicaid," *Contemporary Policy Issues*, 11(2): 23-38, 1993.
83. Culbertson WP, **Bradford WD.** "The Price of Beer: Some Evidence from Interstate Comparisons," *International Journal of Industrial Organization*, 9(1991): 275-289.

### ***Book Chapters and Other Professional Publications***

84. "Signatory, Brief of Antitrust Economists as Amici Curiae before the Supreme Court", Federal Trade Commission v. Actavis, Inc., et al., No. 12-416 (February 28, 2013).
85. **Bradford WD, Kleit AN.** "Direct to consumer advertising: research amid the controversy." In AM Jones (ed.) *Elgar Companion to Health Economics, 2<sup>nd</sup> Edition* (Cheltenham, UK: Elgar Publishing, 2011).
86. **Bradford WD, Burgess JF.** "Individual Time Preferences and Health Behaviors, with An Application on Health Insurance," in Daniel Slottje and Rusty Tchertis, eds. *Contributions in Economic Analysis*. (Bingley, UK : Emerald Group Publishing Limited, forthcoming).
87. **Bradford WD.** "Service Utilization Comparison of South Carolina Medicaid FFS, Physician Enhanced Program (PEP) and Health Maintenance Organization (HMO)." *The Journal of the South Carolina Medical Association*, forthcoming.
88. **Bradford WD.** "Introduction to the Third Annual Southeastern Health Economics Study Group Conference." *Southern Economic Journal*. 73(3): 550-552, 2007.

89. **Bradford WD**, Kleit AN. "Evaluating the Welfare Effects of Drug Advertising" *Regulation*. 29(1): 58-62. Spring 2006.
90. **Bradford WD**, Kleit AN. "Direct to consumer advertising." In AM Jones (ed.) *Elgar Companion to Health Economics* (Cheltenham, UK: Elgar Publishing, 2006).
91. **Bradford WD**. "Cost Benefit Analysis in Health Services Research." In E Chumney and K Simpson (eds.) *Designs for Outcomes Research* (Bethesda, MD: American Society of Health-System Pharmacists, 2006).
92. **Bradford WD**, Kleit AN, Neitert PJ, Steyer T, McIlwain T, Ornstein S. "The Effect of Direct to Consumer Television Advertising on the Timing of Treatment" *AEI-Brookings Papers*, 05-19. Sep 2005.
93. Tilley BC, Wisdom K, Sadler ZE, **Bradford WB**. "Overcoming Barriers to the Inclusion of Older African Americans in Health Outcomes Research." In: Curry L & Jackson JS (Eds.). *Recruiting and Retaining Racial and Ethnic Elders in Health Research*. Washington, D.C.: Gerontological Society of America, 2003.
94. **Bradford WD**. "National Trends in Physician Income," in *The Organization and Management of Physician Services: Evolving Trends*, Ronald B. Connors, editor (American Hospital Association Publishing Company), 1997.
95. **Bradford WD**, Dahl C. "Preliminary Report on a Cost-Benefit Study of Mandated Ethanol-Gasoline Blends," *Proceedings of the Eleventh Annual North American Conference for the International Association of Energy Economists*, (October 1989), pp. 226-236.

## **Reports**

96. **Bradford WD**, Wager KA, Graber D, Jones WJ, Ward DM, White AW. *South Carolina Medicaid Out Of Home Placement Evaluation Report*. Report to the South Carolina Medicaid Agency. April 2004.
97. **Bradford WD**, Commins JS. *Sickle Cell Disease in the South Carolina Medicaid Population: Incidence, Utilization, and Costs*, Report to the South Carolina Medicaid Agency, December 2003.
98. **Bradford WD**, Commins JS. *The Impact of Diabetes in the South Carolina Medicaid Population in 2002*, Report to the South Carolina Medicaid Agency, December 2003.

99. **Bradford WD**, Commins JS. *Comparison of Expenditures and Service Utilization: Fee-For-Service Enrollees versus Select Health Members*, Report to the South Carolina Medicaid Agency, September 2003.
100. **Bradford WD**, Commins JS. *Comparison of Expenditures and Service Utilization: Fee-For-Service Enrollees versus Physician Enhanced Payment Enrollees, 2001-2002*, Report to the South Carolina Medicaid Agency, September 2003.
101. **Bradford WD**, Lee FW, Dismuke CE, McIlwain T, Jones WJ, Simpson K. *South Carolina Medicaid DAODAS Prior Authorization Services Outcome Evaluation*. Report to the South Carolina Medicaid Agency, October 2003.
102. **Bradford WD**, Lee FW, Jones W, Kilpatrick AO, Wager KA. *South Carolina Medicaid Postpartum/Infant Home Visit Program Outcome Evaluation*, Report to South Carolina Medicaid Agency, December 2002.
103. **Bradford WD**, Jones WJ, Ward DM. *Report on Service Utilization Comparison of South Carolina Medicaid FFS and Physician Enhanced Payment (PEP) Programs*. Report to South Carolina Medicaid Agency, August 2002.
104. **Bradford WD**. "The Role of Patient Demand in Driving Health Care Spending" BCBSHealth Issues.com, April 29, 2002.  
<http://bcbshealthissues.com/perspectives/healthcarecosts/>
105. **Bradford WD**. *Report on Service Utilization Comparison of South Carolina Medicaid FFS and HMO Programs*, Report to South Carolina Medicaid Agency, December 2001.
106. VLBW Research Team (**Bradford WD**, team member). *Very Low Birth Weight Outcomes Project*, Report to South Carolina Medicaid Agency, 2000.
107. Re RN, Krousel-Wood MA, **Bradford WD**, Kleit AN. *The Role of Technology in Reducing Health Care Costs*, Report to Sandia National Laboratories, 1997.
108. Farber SC, **Bradford WD**, Wascom D. *Chemical Waste in Louisiana, 1987: A Summary of Hazardous Waste and Toxic Chemicals*, Report to the Louisiana Department of Environmental Quality, 1989.

### **Editorials**

109. Bradford AC, **Bradford WD**. What Jeff Sessions Gets Wrong About Marijuana. Bloomberg View. 2017 June 27, 2017.

110. Bradford AC, **Bradford WD**. Why Jeff Sessions is going to lose his war against cannabis. Washington Post. 2017 August 1, 2017.
111. **Bradford WD**. "Commentary from a Health Economist: Financing Pediatric Psychology: Buddy, Can You Spare a Dime?" *Journal of Pediatric Psychology*, Vol. 29, No. 1, 2004.

### ***Peer-Reviewed Abstracts***

112. **Bradford WD**, Silvestri G, Zoller J. "Time preference and willingness to pay for preventive health services: an application to lung cancer screening." International Health Economics Association Fourth International Conference, San Francisco, California, June 2003.
113. Kaste LM, Nietert PJ, **Bradford WD**, Oldakowski R, Drury T. "Race/ethnicity variation of usual source of medical care and sealants." *Journal of Public Health Dentistry*, 2001;61(4):235.
114. **Bradford WD**, Kaste LM, Nietert PJ. "Continuity of medical care and its association with dental advice." *Journal of Dental Research*. 2001;80(IADR Abstracts):540.
115. **Bradford WD**. "Direct to Consumer Advertising for Prescription Drugs: A Game Theoretic Model." International Health Economics Association Third International Conference, York, United Kingdom, July 2001.
116. Re RN, Krousel-Wood MA, **Bradford WD**, Kleit AN, Runnels, J. "A Computer Model for the Evaluation of the Economic Impact of Health Care Technology," Association for Health Services Research, Chicago, Illinois, June 1997.
117. Chen YT, **Bradford WD**, Wang Y, Selzer J, Krumholz H. "The impact of acute renal failure on cost in elderly patients with congestive heart failure." International Society for Pharmacoeconomics and Outcomes Research Third Annual International Meeting, Philadelphia, Pennsylvania, May 1998.
118. **Bradford WD**. "Solo Practice Versus Partnerships in the Medical Profession: The Influence of Malpractice Risk," *Proceedings of the Northeast Business and Economics Association Annual Meeting*, Portsmouth, New Hampshire, 1993.

## Grants and Contracts

### *Currently Active:*

1. "The Effect of Medical Cannabis Laws on Health Care Use in Insured Populations with Pain – S1" (WD Bradford, Principal Investigator). National Institute of Drug Abuse Research (Grant No. 3R01DA047365-03S1). *This study will examine the effect of the COVID-19 pandemic on postpartum women's pain-related healthcare utilization, with specific focus on the prescription of opioid analgesics at hospital discharge after delivery and the subsequent six-month postpartum period. In addition, we will build on preliminary evidence that there is substitution away from opioid analgesic prescriptions in states that implement recreational and medical cannabis laws.* Total project budget: \$569,151. 7/1//2021--6/31/22. Role: PI (10% effort).
2. "The Effect of Medical Cannabis Laws on Health Care Use in Insured Populations with Pain" (WD Bradford, Principal Investigator). National Institute of Drug Abuse Research (Grant No. 1R01DA047365-01A1). *This study will build on preliminary evidence that there is substitution away from opioid analgesic prescriptions in states that implement medical cannabis laws, and will provide the first longitudinal, patient-level analysis of the relationship between these laws and pain-related healthcare utilization.* Total project budget: \$3,393,042. 7/1//2019--6/31/24. Role: PI (33% effort).

### *Completed as Principal Investigator:*

1. "The Impact of State Opioid Regulation on Pain Management in Medicare Patients" (WD Bradford, Principal Investigator) Robert Wood Johnson Foundation, Public Health Law Research Program. *This grant evaluates the impact of prescription drug monitoring programs, particularly those aimed at affecting opioid use, on pain outcomes for Medicare patients in nursing home, home health, and hospice care.* Total project budget: \$147,869. 11/1/1004 – 5/1/2016. Role: Principle Investigator.
2. "The Role of Discounting and Time Perception in Savings Decisions" Swiss Re (Paul Dolan, PI). *The aim of this project is to understand how people's discount rates relate to their financial behaviour. A better understanding of what determines discount rates, how stable they are, and whether interventions might change them, are central concerns for anyone interested in financial behaviours, education and capability.* Total project budget: \$25,000 (varying percent effort); September 1, 2013 – March 30, 2014. Role: Co-Investigator.
3. "Effect of FDA Boxed Warnings and Public Information on Pharmaceutical Use (continuation)" (Principal Investigator, R01 HS011326-03) Agency for Healthcare Research and Quality. *The goals of this project are to determine whether FDA Black*

*Box Warnings are effective tools at post-marketing drug safety improvement given the existence of clinical publications, media coverage, and direct to consumer pharmaceutical advertising. 09/07/07 – 08/31/11. \$1,172,609 (25% effort).*

4. “Clinical efficacy and potential cost offsets for state Medicaid programs from increased Mirena utilization.” (Principal Investigator) Source: Bayer/Berlex (Contract), July 2007 – June 2008. \$70,000.
5. “State Use of Master Settlement Agreement Funds: Developing a Report Card” (Local Principal Investigator). Department of Defense. *The goals of this project are to assess the use of funds awarded to each state as a consequence of the Master Settlement Agreement, and the effectiveness of that use in reducing teen smoking. 8/1/06 – 7/30/09. \$210,259 (5% effort).*
6. “Public Health and Economic Implications of Free Nicotine Replacement” (Local Principal Investigator). Department of Defense. *The goals of this research are to estimate the health effects and budgetary impacts of programs to offer free nicotine replacement therapy to encourage smoking cessation. 8/1/06 – 7/30/09. \$289,221 (5% effort).*
7. “DTC Advertising Effect on Adherence to Statin Therapy” (Principal Investigator) National Heart Lung and Blood Institute (NIH). *The goal of this research is to assess the effect of direct to consumer advertising for prescriptions of statins on the adherence and cost effectiveness of pharmacological care for hypercholesterolemia. 07/01/04 – 05/31/07; \$714,520. (30% effort).*
8. “Impact Study of the New Hampshire Employment Program” (Principal Investigator). New Hampshire Department of Health and Human Services / United States Agency for Families and Children. *Project compares the duration on, duration off and recidivism rates for welfare recipients in New Hampshire before and after a state-wide reform proposal was implemented. In addition, the project examines the caseload for the state as a whole over the 1985 to 1999 time period. 02/01/97 – 10/31/99; \$500,000 (35%).*
9. “Incidence of Cross-System Medical Usage: Veterans Use of the VA and Fee-for-Service Medicare” (Principal Investigator). Northeast Program Evaluation Center – Veterans Administration. *Project compares the incidence of cross-system use by veterans suffering acute myocardial infarction in 1995. Implications of multi-system use, including total cost of care, quality of care and outcomes are also evaluated. 10/01/98 – 09/30/99; \$15,478 (15%).*

10. "Assessing the Impact of Increased Dental Medicaid Reimbursement Rates on the Utilization and Access to Dental Services in South Carolina." (Principal Investigator); Health Services Research Administration. *The goal of this research is to assess the impact of increased dental Medicaid reimbursement rates on the utilization and access to dental services in South Carolina.* 08/15/00 – 12/15/01; \$125,000 (15% effort).
11. "TeleHealth Deployment Research Testbed – MUSC Component." (Principal Investigator); Submitted to the Health Services Research Administration. *The goal of this project is to establish a testbed for telemedicine demonstration projects, to standardize assessment mechanisms for new telemedicine technologies.* 08/01/00 – 07/30/01; \$400,000, (40% effort).
12. "TeleHealth Deployment Research Testbed, Phase II – MUSC Component." (Principal Investigator); Health Services Research Administration. *The goal of this project is to establish a testbed for telemedicine demonstration projects, to standardize assessment mechanisms for new telemedicine technologies.* 08/01/01 – 07/30/02; \$280,000, (35% effort).
13. "Postpartum/Infant Home Visit Program Outcome and PEP Program Outcome Evaluation" (Principal Investigator) South Carolina Medicaid Agency. *The goal of this project is to determine the factors that affect the success of the postpartum home visit program.* 04.01.02 – 7/30/02; \$170,702.
14. "Out of Home Placement Program and DAODAS Prior Authorization System Outcome Evaluation" (Principal Investigator) South Carolina Medicaid Agency. *The goal of this project is to determine the factors that affect the success and efficiency of the Out of Home Placement Program and the DAODAS Prior Authorization System.* 08/01/02 – 7/30/03. \$400,000 (16% effort).
15. "Impact of Asthma, Psychoses, Smoking and Obesity on SC Medicaid Programs Evaluation" (Principal Investigator) South Carolina Medicaid Agency. *The goal of this project is to determine how specific disease clusters are treated, and how these treatments affect the SC Medicaid System.* 08/01/03 – 7/30/04. \$400,000 (10% effort).
16. "Impact of Direct to Consumer Pharmaceutical Marketing" (Principal Investigator) AHRQ. *The goal of this research is to assess the effect of direct to consumer advertising for prescriptions of cox-2 inhibitors and statins on the costs and cost effectiveness of pharmacological care for osteoarthritis and hypercholesterolemia.* 06/01/03 – 05/31/05; \$408,172. (30% effort).



17. "Utilization and Cost of Health Services by CDU" (Principal Investigator) NIDA. *The goal of this research is to develop new methods to assess the costs of health care associated with drug and other substance abuse.* 08/01/03 – 07/30/07. \$714,520 (25% effort).
18. "Medicaid Program Evaluation: HMO, Sickle Cell Disease, and Diabetes" (Principle Investigator). Carolina Medical Review. *The goal of this research is to evaluate the HMO program within the SC Medicaid system, and to evaluate guideline adherence for Sickle Cell disease and Diabetes.* 06/01/03 – 12/31/03; \$40,000 (hourly effort).
19. "17<sup>th</sup> Annual Health Economics Conference" (Principal Investigator, 1R13HS016352-01). DHHS/Agency for Healthcare Research and Quality. *The goals of this conference are to (1) advance the policy applicability of health economics; (2) improve the policy relevance of empirical health economics; and (3) develop the next generations of health economic scholars.* 03/17/06 – 03/16/07. \$52,560 (5% effort).
20. "A Project to Estimate the Cost-effectiveness and Budgetary Impact of Student in Portugal using the Model of the Treatment of Metastatic Renal Cell Carcinoma (mRCC)." Source: Datamedica (Contract), 1/1/06 – 12/31/06. \$38,800.
21. "A Project to Estimate Budget Impact and Cost-effectiveness of Macugen in Portuguese Patients with Age-Related Macular Degeneration." (Principal Investigator) Source: Datamedica (Contract), 1/1/06 – 12/31/06. \$28,100.

### ***Completed as Co- Investigator:***

1. Opioid Prescribing in Medicaid: Healthcare Utilization and Deaths from Overdose" (Jayani Jayawardhana and Matthew Perri, Principle Investigators). National Institute of Drug Abuse Research (Grant No. R01DA039930); Total project budget: \$675,000. 4/1/16--3/31/19. Role: Co-Investigator (5% effort).
2. "The Stages of Implementation Completion for Evidence-Based Practice" (Lisa Saldana, Principle Investigator) National Institutes of Mental Health. *This grant evaluates use of the Stages of Implementation (SIC) for 3 evidence based practices for children's mental health. Using a mixed-methods design, the SIC is being adapted for these practices and universal/common implementation processes are being considered across practices.* 12/01/12–11/30/16. Role: Co-Investigator

3. “Translational Drug Abuse Prevention Center “ (Chamberlain and Fisher, PI). *Specialized Center grant focused on the translation of drug abuse prevention in child welfare involved populations and programs. Projects will serve as a national resource for multidisciplinary, scientifically innovative and synergistic Type 1 and II translational research in drug abuse that seeds future research, practice, and policy in the child welfare system.* NIDA (P50 DA035763-01); 7/13-6/18. Role: Co-Investigator.
4. “The Stages of Implementation Completion for Evidence-Based Practice” (Saldana, PI) *This grant evaluates use of the Stages of Implementation (SIC) for 3 evidence based practices for children’s mental health. Using a mixed-methods design, the SIC is being adapted for these practices and universal/common implementation processes are being considered across practices.* NIDA (1 R01 MH097748); 12/01/12–11/30/16. Role: Co-Investigator.
5. “Teens’ Risk During Transition: Preventing Drug Use, HIV, and School Problems” (Chamberlain, PI). *Randomized clinical trial evaluating an intervention for middle school aged youth in foster care, at-risk for substance use and HIV, with consequential school problems throughout the San Diego school system.* NIDA (R01DA032634-01); 2/2012-2/2017. Role: Co-Investigator.
6. “Juvenile Justice Girls: Pathways to Adjustment and System Use in Young Adulthood” (Leve, PI). *Long-term follow-up of a sample of girls who were placed in the foster care system during adolescents. Outcomes focus on long-term treatment outcomes and evaluation of the cost effectiveness of MTFC.* NIDA (R01 DA024672-01A1); 02/15/09-02/14/13. Role: Co-Investigator.
7. “Center for Drug Abuse Prevention in the Child Welfare System” (Reid and Chamberlain, PI). *Center of Excellence grant focused implementation of evidence-based practice, specification of conceptual models, and reduction of drug abuse and related problems in child welfare populations.* NIDA (1P30DA023920-01A1); 09/08-06/13. Role: Co-Investigator.
8. “Administrative Supplement to Conduct Economic Evaluation “ (Chamberlain, PI). *Economic evaluation of two implementation strategies for implementing MTFC in California and Ohio systems.* NIDA (R01 MH076158-05S1); 01/11-01/12. Role: Co-Investigator.

9. "Evaluating the Effect of Child Trust Funds on Savings Rates in the United Kingdom" Swiss Re (Co-Investigator; Paul Dolan, PI). *The goal of this project is to evaluate the impact of the Child Trust Funds, a U.K. government program that created long terms savings accounts for all children born after September 2002, on the savings behaviors of U.K. families. Total project budget: \$25,000 (varying percent effort); March 1, 2013 – September 30, 2013.*
10. "Testing EBP and Organization Effects in Rural Appalachia" (Co-Investigator) NIMH. *The goal of this project is to assess the effect of combining organization change interventions with multisystemic therapy for the effectiveness of social services support in rural Appalachia. 07/01/03 – 06/30/07 (10% effort).*
11. "Substance Abusing Delinquents: 5-Year Outcomes of RCT" (Health Economist), National Institute of Mental Health. *The goal of this study is to attenuate deleterious long-term outcomes and cost in a sample of 200 chronic juvenile offenders meeting diagnostic criteria for alcohol or drug abuse or dependence. 09/01/04 – 08/31/09. (5% effort).*
12. "Alcohol/Drug Abusing Delinquents: 5-Year Outcomes of RCT" (Health Economist), National Institute of Mental Health. *The goal of this study is to attenuate deleterious long-term outcomes and cost in a sample of 200 chronic juvenile offenders meeting diagnostic criteria for alcohol or drug abuse or dependence. 04/01/03 – 03/31/08. \$ 1,941,755 (10% effort).*
13. "The Effectiveness of Catheterization on Mortality from Acute Myocardial Infarction when Controlling for Selection Effects in an Elderly and Non-Elderly Population," (Co-Investigator) under contract for the State of Connecticut. *Project investigates the consequences of expanding coronary catheterization capacity to all hospitals in the state of Connecticut. 01/01/96 – 12/31/96; \$20,000.*
14. "The Role of Technology in Health Care Costs," (Co-Investigator), Department of Energy / Sandia National Laboratories Contract AN - 6271. *Project develops a general methodology to assess the full cost implications of technological innovation in health care from a social perspective. 05/01/95 – 04/30/97; \$1,200,000 (varying percent effort).*

15. "Extension of: 'The Role of Technology in Health Care Costs'," (Co-Investigator), Department of Energy / Sandia National Laboratories Contract AN - 6271. *Project assesses the cost implications for the adoption of remote medicine (telemedicine) technologies to provide health care to various populations. Project also undertakes cost effectiveness simulations.* 09/01/97 – 08/31/99; \$1,000,000 (varying percent effort).
16. "Extension of: 'The Role of Technology in Health Care Costs'," (Co-Investigator), Department of Energy / Sandia National Laboratories Contract AN - 6271. *Project assesses the cost implications for the adoption of remote medicine (telemedicine) technologies to provide health care to various populations. Project also undertakes cost effectiveness simulations.* 09/01/99 – 08/31/01; \$800,000 (varying percent effort).
17. "MST vs. Hospitalization: 2-Year follow-up for Outcomes" (Co-investigator). National Institute of Mental Health. *The major goal of this project is to assess the economic benefits of MST treatment vs. standard treatment for children with mental health crises in terms of reducing costs associated with institutionalization.* 7/1/99 – 6/30/01; \$601,819, (5%).
18. "CMR – Very-Low Birth Weight Birth" (Co-Investigator). Carolina Medical Review *This project will evaluate the characteristics of very-low birth weight births, and the factors which contribute to adverse outcomes, readmission and high cost.* 04/01/99 – 05/31/99; \$8,825 (20%).
19. "MST with Alcohol Abusing Delinquents: Outcomes and Costs" (Co-Investigator). National Institute of Mental Health. *The major goal of this project is to assess the use of MST (non-institutional) therapy for delinquent adolescents compared to standard institutionalization.* 7/1/99 – 6/30/04; \$2,982,078, (5% effort).
20. "Randomized Clinical Trial of Juvenile Drug Court and MST" (Co-Investigator). National Institute on Drug Abuse. *The major goal of this project is to assess the use of MST in conjunction with juvenile drug court enhances the clinical and cost-related outcomes for drug-using delinquent adolescents.* 9/01/99 – 8/31/04, \$1,740,207, (5.2% effort).
21. "Understanding and Eliminating Health Disparities in Blacks" (Co-Investigator). Approved by Agency for Healthcare Research and Quality. *The goal of this research is to explore the many factors that lead to and perpetuate disparities in health outcomes among the African-American population of the state of South Carolina.* \$12,118,398 (14.83% effort).

22. "Disease and Stroke in Primary Care Practice" (Co-Investigator); Submitted to Agency for Health Care Policy and Research. *The major goal of this project is to determine whether academic detailing with respect to the use of quality improvement initiatives based on electronic medical record systems can improve adherence to clinical guidelines.* \$864,045 (9.88% effort).
23. "Feasibility of Remote Video Outpatient Clinical Visits in Cancer Patients Receiving Palliative Care" (Service Center Leader), Department of Defense. *The major goal of this project is to assess the utility of telemedicine for patients receiving palliative care for cancer.* 7/1/01 – 6/31/03, award for service center: \$7,000.
24. "Assessing Barriers for the Screening of Lung Cancer in Rural Populations: A Telephone and Written Survey" (Service Center Leader), Department of Defense. *The goal of this project is to better understand barriers-to-care for patients with lung cancer living in rural and medically underserved areas.* 12/01/01 – 11/30/02 , \$149,964 (20% effort) .
25. "Schools as a Context for Mental Health" (Co-Investigator) NIH/NIMH. *The goal of this study is to investigate interdisciplinary approaches, and the cost effectiveness of those interventions, for providing mental health services to children within the educational infrastructure.* 09/01/02 – 08/31/05 (4% effort).
26. "Assessing Barriers for the Screening of Lung Cancer in Rural Populations: Physician Acceptance" (Service Center Leader), Department of Defense. *The goal of this project is to better understand barriers-to-care for patients with lung cancer living in rural and medically underserved areas.* 01/01/03 – 12/31/05 , \$300,000 (20% effort).

## Papers Presented

1. **Bradford WD**, Ruhm C. "Spillovers from Geographic Variation in Pharmacy Market Structure to the Opioid Epidemic." American Society of Health Economists 10<sup>th</sup> Annual Conference, Virtual, June 21-23, 2021.
2. **Bradford WD**, Rojas-Lozano F. "The Effect of Homelessness on Accidental Drug and Alcohol Mortality." American Society of Health Economists 10<sup>th</sup> Annual Conference, Virtual, June 21-23, 2021.
3. Harris SJ, Abraham AJ, Adams GB, Bradford AC, **Bradford WD**. "U.S. Department of Health and Human Services Excluded Doctors Attributed to Fewer Opioid Overdose Deaths, 2000-2016." Association of Policy Analysis and Management Fall Research Conference, Denver, CO, November 7-9, 2019.

4. Nguyen T, **Bradford WD**, Conti R, Simon K. "Does Expansion of Public Health Insurance Affect Prescription Drug Marketing?" Association of Policy Analysis and Management Fall Research Conference, Denver, CO, November 7-9, 2019.
5. Bradford AC, **Bradford WD**. "The Burden of Emergency Police Calls and Opioid Related Mortality." International Health Economics Association Annual Conference, Basel, Switzerland, July 13-17, 2019.
6. Bradford AC, **Bradford WD**. "The Effect of Evictions on Opioid Mortality." American European Health Economics Study Group, Vienna, Austria, July 3-4, 2019.
7. Adams GB, Harris S, Abraham A, Bradford AC, **Bradford WD**. "Throwing Good Money After Bad Docs: The Relationship between Physician Gifts and U.S. Department of Health and Human Services Exclusion." American Society of Health Economics Annual Meeting, Washington DC, June 23-26, 2019.
8. Bradford AC, **Bradford WD**. "The Effect of Evictions on Opioid Mortality." American Society of Health Economics Annual Meeting, Washington DC, June 23-26, 2019.
9. Bradford AC, **Bradford WD**. "The Burden of Emergency Police Calls and Opioid Related Mortality." American Society of Health Economics Annual Meeting, Washington DC, June 23-26, 2019.
10. Bradford AC, **Bradford WD**. "The Burden of Emergency Police Calls and Opioid Related Mortality." Association of Public Policy Analysis and Management Annual Conference, Washington, DC. November 8-10, 2018.
11. Bradford AC, **Bradford WD**. "The Burden of Emergency Police Calls and Opioid Related Mortality." Southern Economic Association Annual Conference, Washington, DC. November 18-20, 2018.
12. Dalton TM, **Bradford WD**. "Better Together: Coexistence of For-Profit and Nonprofit Firms with An Application to Hospice Care." Southern Economic Association Annual Conference, Washington, DC. November 18-20, 2018.
13. Doucette MH, **Bradford WD**. "Motivations for Participating in the Gig Economy and Traditional Moonlighting." Western Economic Association International Annual Conference. Vancouver, BC, Canada. June 26-30, 2018.
14. Stomberg C., **Bradford WD**. "Adopting Average Acquisition Cost – Are Drugs Now Cheaper for Medicaid?" American Society of Health Economists Annual Conference, Atlanta, GA. June 10-13, 2018.

15. Nguyen T., **Bradford WD**, Simon K. "The Impact of Opioid Manufacturers Contributions to Doctors on Prescriptions for Opioids in Medicare Part D." American Society of Health Economists Annual Conference, Atlanta, GA. June 10-13, 2018.
16. Abraham AJ, Adams GB, Bradford AC, **Bradford WD**. "County-Level Access to Opioid Use Disorder Medications in Medicare Part D (2010-2015)." American Society of Health Economists Annual Conference, Atlanta, GA. June 10-13, 2018.
17. **Bradford WD**. "Physician Opioid Prescribing in Medicare and Opioid Related Deaths." Association of Public Policy Analysis and Management Annual Conference, Chicago, IL. November 2-4, 2017.
18. **Bradford WD**. "Physician Opioid Prescribing in Medicare and Opioid Related Deaths." Southern Economic Association Annual Conference, Tampa, FL. November 17-19, 2017.
19. Bradford AC, **Bradford WD**, Adams GB, Abraham AJ,. "Medical Marijuana Legislation and Treatment for Opioid Use Disorder in Medicare" Southern Economic Association Annual Conference, Tampa, FL. November 17-19, 2017.
20. Adams GB, Abraham AJ, Bradford AC, **Bradford WD**. "The Effect of Medical Marijuana Legalization on Opioid Overdose Deaths." Southern Economic Association Annual Conference, Tampa, FL. November 17-19, 2017.
21. Bradford, Ashley C., and **W. David Bradford**. "The Impact of Medical Marijuana Legalization On Prescription Medication Use and Costs in Medicare Part D" The Society for Economic Measurement 4<sup>th</sup> Annual Conference, Massachusetts Institute of Technology, Cambridge, Massachusetts, July 26-28, 2017.
22. Bradford, Ashley C., and **W. David Bradford**. "The Impact of Medical Marijuana Legalization On Prescription Medication Use and Costs in Medicare Part D" European-American Health Economics Research Group Annual Conference, July 6-8, 2017, Oxford, England.
23. Bradford, Ashley C., and **W. David Bradford**. "The Impact of Medical Marijuana Legalization On Prescription Medication Use and Costs in Medicare Part D" Highland Health Economics Symposium, June 18-20, 2017, Lochailort, Scotland.
24. Bradford AC, Bradford WD. "How Does Medical Cannabis Save Money in Medicare and Medicaid?" The Eleventh National Clinical Conference on Cannabis Therapeutics, May 18-20, 2017, Berkeley, CA.

25. Adams GB, Abraham AJ, Bradford AC, **Bradford WD**. "The Effect of Medical Marijuana Legalizations on Drug Poisoning Overdose Deaths." International Health Policy Conference 2017, London School of Economics, London, United Kingdom, February 16-19, 2017.
26. Bradford AC, **Bradford WD**. "Medical Marijuana Legalization and Prescription Medication Use in the Medicaid Population." International Health Policy Conference 2017, London School of Economics, London, United Kingdom, February 16-19, 2017.
27. Abraham AJ, Adams GB, Bradford AC, **Bradford WD**. "Medical Marijuana Legislation and Treatment for Opioid Use Disorder in Medicare." International Health Policy Conference 2017, London School of Economics, London, United Kingdom, February 16-19, 2017.
28. Bullock J, **Bradford WD**. "Identifying Fraud in Home Health Agencies: Using HHA Compare Data to Predict Fraudulent Medicare Payments." Association for Public Policy Analysis and Management 38<sup>th</sup> Annual Fall Research Conference, Washington, DC, November 2016.
29. Zier ER, **Bradford WD**. "The Effect of State Vaccination Exemption Policies on Pre-K and Kindergarten Enrollment." Association for Public Policy Analysis and Management 38<sup>th</sup> Annual Fall Research Conference, Washington, DC, November 2016.
30. Bradford AC, and **Bradford WD**. "Medical Marijuana Legalization and Prescription Medication Use in Medicaid." Association for Public Policy Analysis and Management 38<sup>th</sup> Annual Fall Research Conference, Washington, DC, November 2016.
31. Bradford, AC, **Bradford WD**. "Medical Marijuana Legalization and Prescription Medication Use in Medicaid." Southern Economic Association Annual Conference, Washington, DC. November 19-21, 2016.
32. Adams GB, **Bradford WD** "Risk Tolerance and Preventive Health Behavior." Southern Economic Association Annual Conference, Washington, DC. November 19-21, 2016.
33. Candon M., Bradford WD. "Do Pharmaceutical Companies' Gifts Influence Physicians' Part D Prescribing Behavior?" Southern Economic Association Annual Conference, Washington, DC. November 19-21, 2016.
34. **Bradford WD**, Turner JT, Williams JN. "Off Label Marketing of Pharmaceuticals: Trends and Drivers." Innovation and Behavior in Health Markets, Center for Public Policy Research, Tulane University, New Orleans, LA, February 19, 2016.



35. **Bradford WD**, Dolan P, Galizzi, MM. "Subjective Time Perception and Individual Time Discounting." American Economic Association Annual Meeting, San Francisco CA, January 2016.
36. Bradford AC, **Bradford WD**. "Medical Marijuana Legalization and Prescription Medication Use in the Medicare Population." Emory Georgia Health Economics Research Day, Atlanta GA, December 2015.
37. Bradford AC, **Bradford WD**. "The Effect of Marijuana Legalization on Risky Behaviors and Educational Attainment in U.S. School-Aged Youth" Association for Public Policy Analysis and Management, Miami FL, November 2015.
38. Bradford AC, **Bradford WD**. "Medical Marijuana Legalization and Prescription Medication Use in the Medicare Population." Association for Public Policy Analysis and Management, Miami FL, November 2015.
39. Yarbrough CR, **Bradford WD**. "The Impact of State Prescription Drug Monitoring Programs on Opioid Prescribing Among Medicare Part D Patients." Association for Public Policy Analysis and Management, Miami FL, November 2015.
40. Candon M, Bradford WD. "On- and Off-Label Prescription Use in Children with Attention Deficit/Hyperactivity Disorder." Association for Public Policy Analysis and Management, Miami FL, November 2015.
41. Adams, GB, Bradford WD. "The Effect of WIC Receipt on Prenatal Smoking Cessation: Evidence from the Pregnancy Risk Assessment Monitoring System." Association for Public Policy Analysis and Management, Miami FL, November 2015.
42. Yarbrough CR, **Bradford WD**. "The Impact of State Prescription Drug Monitoring Programs on Opioid Prescribing Among Medicare Part D Patients." Southern Economic Association Annual Meeting, New Orleans LA, November 2015.
43. Bradford AC, **Bradford WD**. "Medical Marijuana Legalization and Prescription Medication Use in the Medicare Population." Southern Economic Association Annual Meeting, New Orleans LA, November 2015.
44. **Bradford WD**, Turner JT, Williams JN. "Off Label Marketing of Pharmaceuticals: Trends and Drivers." American Economic Association Annual Meeting, Boston, MA, January 2015.

45. Bradford AC, **Bradford WD**. "The Effect of Marijuana Legalization on Risky Behaviors and Educational Attainment in U.S. School-Aged Youth." Southern Economic Association Annual Meeting, Atlanta GA, November 2014.
46. Candon M, **Bradford WD**. "Estimating the True Incidence of Autism." Southern Economic Association Annual Meeting, Atlanta GA, November 2014.
47. **Bradford WD**, Paker MM, Williams JW. "Off-Label Use and Welfare in the Market for Pharmaceuticals." Southern Economic Association Annual Meeting, Atlanta GA, November 2014.
48. Adams G, **Bradford WD**. "Initiation and Duration of Breastfeeding Among WIC Participants: Impact of State Policies." Southern Economic Association Annual Meeting, Atlanta GA, November 2014.
49. Yarbrough CR, **Bradford WD**. "State Policies to Curb Opioid Abuse Lead to Improved Pain Outcomes for Medicare Home Health Patients." Southern Economic Association Annual Meeting, Atlanta GA, November 2014.
50. Adams G, **Bradford WD**. "Initiation and Duration of Breastfeeding Among WIC Participants: Impact of State Policies." Association for Public Policy Analysis and Management, Albuquerque NM, November 2014.
51. Bullock J, **Bradford WD**. "The Differential Effect of Bonus Structures on the Likelihood That Physicians Accept New Patients By Insurance Type." Association for Public Policy Analysis and Management, Albuquerque NM, November 2014.
52. Fay DL, **Bradford WD**. "Protecting the "Others": LGBT Specific Bullying Legislation and Education Codes." Association for Public Policy Analysis and Management, Albuquerque NM, November 2014.
53. Atkins DN, **Bradford WD**. "The Effect of State-Level Sex Education Policies on Youth Sexual Behaviors." 14<sup>th</sup> Annual Southeastern Health Economics Study Group Conference, Tallahassee, FL, October 2014.
54. **Bradford WD**, Turner JT, Williams JN. "Off Label Marketing of Pharmaceuticals: Trends and Drivers." 5<sup>th</sup> Biannual Conference of the American Society of Health Economists, Los Angeles, CA, June 2014.
55. Atkins DN, **Bradford WD**. "The Effect of State-Level Sex Education Policies on Youth Sexual Behaviors." 5<sup>th</sup> Biannual Conference of the American Society of Health Economists, Los Angeles, CA, June 2014.

56. Atkins DN, **Bradford WD**, Durrance CP. "The Effect of Emergency Contraception Availability On Pregnancy Intendedness: Evidence From the PRAMS." 5<sup>th</sup> Biannual Conference of the American Society of Health Economists, Los Angeles, CA, June 2014.
57. Atkins DN, **Bradford WD**, Durrance CP. "The Effect of Emergency Contraception Availability On Pregnancy Intendedness: Evidence From the PRAMS." 83<sup>rd</sup> Annual Conference of the Southern Economic Association, Washington, D.C., November 2013.
58. Atkins DN, **Bradford WD**, Wilkins VM "Using Representation to Avoid Shirking." European Public Administration Association Conference, Edinburgh, Scotland, September 11-14, 2013.
59. Atkins DN, **Bradford WD**. "Contracting Out Health Services via Regulatory Direction: The Case of Contraceptive Mandates." European Public Administration Association Conference, Edinburgh, Scotland, September 11-14, 2013.
60. Atkins DN, **Bradford WD**. "The Effect of State-Level Sex Education Policies on Youth Sexual Behaviors." Association for Public Policy Analysis and Management Fall Research Conference, Baltimore, MD, November 8-10, 2012.
61. Atkins DN, **Bradford WD**. "Association Between Increased Emergency Contraception Availability and Risky Sexual Practices." Association for Public Policy Analysis and Management Fall Research Conference, Baltimore, MD, November 8-10, 2012.
62. Atkins DN, **Bradford WD**. "The Effect of State-Level Sex Education Policies on Youth Sexual Behaviors." Southern Economic Association Annual Meetings, New Orleans, LA, November 16-18, 2012.
63. Atkins DN, **Bradford WD**. "Association Between Increased Emergency Contraception Availability and Risky Sexual Practices." Southern Economic Association Annual Meetings, New Orleans, LA, November 16-18, 2012.
64. Atkins DN, **Bradford WD**. "Association Between Increased Emergency Contraception Availability and Risky Sexual Practices." The 4th Biennial Conference of the American Society of Health Economists, Minneapolis MN, June 10-13, 2012.
65. Marsh C, **Bradford WD**. "Nonprofit vs. For-profit Competition: A Study of Hospice Care." The 4th Biennial Conference of the American Society of Health Economists, Minneapolis MN, June 10-13, 2012.

66. **Bradford WD**, Dolan P, Galizzi, MM. "Subjective Time Perception and Individual Time Discounting." The 4th Biennial Conference of the American Society of Health Economists, Minneapolis MN, June 10-13, 2012.
67. **Bradford WD**, Jayawardhana J. "The Impact of State Tobacco Control Policies and the Master Settlement Agreement on Smoking Cessation." 8<sup>th</sup> Annual World Congress of the International Health Economics Association, Toronto, ON, Canada, July 10-13, 2011.
68. **Bradford WD**, Burgess JF. " Time and Risk Preferences in the Choice of Health Insurance Coverage." Southern Economic Association Annual Meetings, Atlanta, GA, November 20-22, 2010.
69. **Bradford WD**, Burgess JF. " Time and Risk Preferences in the Choice of Health Insurance Coverage." Allied Social Sciences Association Annual Meetings, Atlanta, GA, January 3-5, 2010.
70. McCullough JS, **Bradford WD**. "The Effect of Direct to Consumer Advertising on Watchful Waiting: The Case of Statin Ads and Cholesterol Testing Behavior." 7<sup>th</sup> Annual Southeastern Health Economic Study Group Conference, Atlanta, GA., October 23-24, 2009.
71. **Bradford WD**, Klieit AN. "The Effect of Information on the Timing of Pharmaceutical Treatment for Cholesterol." American Society of Health Economics Annual Meeting, Durham, NC, June 22-25, 2008.
72. **Bradford WD**, Klieit AN. "Advertising Search, Experience and Prestige Characteristics: The Case of Prescription Pharmaceuticals." 5<sup>th</sup> Annual Southeastern Health Economic Study Group Conference, Chapel Hill, NC., October 19-20, 2007.
73. **Bradford WD**, Dolan P. "A Model of Adaptive Global Utility Maximization." 71st meeting of the Health Economists' Study Group, Brunel University, Uxbridge, United Kingdom, September 5-7, 2007.
74. **Bradford WD**, Kleit AN. "The Impact of DTC on Switching Between Statin Drugs and the Duration of Lipid-Lowering Therapy." International Health Economics 6<sup>th</sup> World Congress, Copenhagen, Denmark, July 8-11, 2007.
75. **Bradford WD**, Kleit AN. "The Impact of Advertising on Statin Drug Adherence and Attaining LDL Cholesterol Goals" Pharmaceutical Economics and Policy Council, Chicago, IL, January 7-8, 2007.

76. **Bradford WD**, Kleit AN. "The Impact of Advertising on Statin Drug Adherence and Attaining LDL Cholesterol Goals" Federal Trade Commission, Bureau of Economic Research Roundtable on the Economics of the Pharmaceutical Industry. Washington, D.C., October 20, 2006.
77. **Bradford WD**, Zoller J, Silvestri G "Estimating the Effect of Individual Time Preferences on the Use of Disease Screening" Third Annual Southeastern Health Economics Study Group Conference, Miami, FL October 2006.
78. **Bradford, WD** and Kleit, A.N. "The Impact of Advertising on Statin Drug Adherence and Attaining LDL Cholesterol Goals" American Society of Health Economists, Madison, WI. June 4-7, 2006.
79. Wosinska, M, and **Bradford, W.D.** "Direct-to-Consumer Advertising, Media Publicity and Utilization of Prescription Drugs" American Society of Health Economists, Madison, WI. June 4-7, 2006.
80. **Bradford, WD**, Dismuke CE, Steyer T, Zoller J. "The Use of Detection Controlled Estimation to Estimate Physician Prescribing and Patient Purchase of Pharmaceuticals in Administrative Data for Asthma." International Health Economics Association 5<sup>th</sup> World Congress, Barcelona, Spain, July 2005.
81. **Bradford, WD.** "The Impact of Direct to Consumer Advertising for Statins on Physician Prescribing Behavior: International Health Economics Association 5<sup>th</sup> World Congress, Barcelona, Spain, July 2005.
82. **Bradford, WD.** "The Impact of Direct to Consumer Advertising on Prescription Drugs: FDA Hearing on Direct to Consumer Advertising, Washington DC, November 1, 2005.
83. **Bradford WD**, Jones WJ, Ward DM. "Medicaid and Managed Primary Care: The Role of South Carolina PEP" American Public Health Association 132nd Annual Meeting, Washington, D.C., November, 2004.
84. **Bradford WD**, Kleit AN, Neitert PJ, Steyer T, McIlwain T, Ornstein S. "The Impact of Direct to Consumer Advertising for Prescription Drugs on Physician Prescribing Behavior for the Treatment for Osteoarthritis." American Economic Association Annual Meetings, Philadelphia, PA, January 2005.
85. **Bradford WD**, Kleit AN, Neitert PJ, Steyer T, McIlwain T, Ornstein S. "The Impact of Direct to Consumer Advertising for Prescription Drugs on Physician Prescribing Behavior for the Treatment for Osteoarthritis" Second Annual Southeastern Health Economics Study Group Conference, Atlanta, GA, November 2004.

86. **Bradford WD**, Silvestri G, Zoller J. "Time preference and willingness to pay for preventive health services: an application to lung cancer screening." American Health Economics Conference, Birmingham, Alabama, April, 2004.
87. Bradford WD, Bearden L. "The impact of diabetes: Costs and resource utilization." American Health Quality Association Technical Meeting, New Orleans, Louisiana, March 2004.
88. **Bradford WD**, Silvestri G, Zoller J. "Time preference and willingness to pay for preventive health services: an application to lung cancer screening." International Health Economics Association Fourth International Conference, San Francisco, California, June 2003.
89. **Bradford WD**, Mobley L. "Employment-Based Health Insurance and the Effectiveness of Intra-Firm Competition Between Insurance Providers." Eleventh Annual Health Economics Conference, Washington, D.C., June 2000.
90. **Bradford WD**. "Direct to Consumer Advertising for Prescription Drugs: A Game Theoretic Model." Eleventh Annual Health Economics Conference, Washington, D.C., June 2000.
91. **Bradford WD**, Krumholz HM. "The Effect of Managed Care Penetration on the Treatment of Acute Myocardial Infarction in the Fee-For-Service Medicare Population." Ninth Annual Health Economics Conference, Ithaca, New York, June 1998.
92. Chen YT, **Bradford WD**, Wang Y, Selzer J, Krumholz H. "The impact of acute renal failure on cost in elderly patients with congestive heart failure." International Society for Pharmacoeconomics and Outcomes Research Third Annual International Meeting, Philadelphia, Pennsylvania, May 1998.
93. **Bradford WD**, Martin RN. "A Theory of Referrals: Applications to the Medical Profession," Fifth Northeast Regional Health Economics Research Symposium, Newport, RI, August 1997.
94. Re RN, Krousel-Wood MA, **Bradford WD**, Kleit AN, Runnels J. "A Computer Model for the Evaluation of the Economic Impact of Health Care Technology," Association for Health Services Research, Chicago, Illinois, June 1997.
95. **Bradford WD**, Kleit AN, Krousel-Wood MA, Re RN. "Stochastic Frontier Estimation of Cost Models within the Hospital," Advanced Workshop in Regulation and Competition: 16th Annual Conference, Lake George, New York, May 1997.

96. **Bradford WD.** "Pregnancy and the Demand for Cigarettes," Southern Economic Association Annual Meeting, Washington, D.C., November 1996.
97. **Bradford WD.** "The Effect of State Medicaid Expenditures on the Quantity and Quality of Children Demanded by Welfare-Dependent Households," Econometric Society Session at the Allied Social Sciences Association Annual Meetings, San Francisco, California, 1996.
98. DeFelice LC, **Bradford WD.** "Relative Inefficiencies Between Solo and Group Practice Physicians," Southern Economic Association Annual Meeting, New Orleans, Louisiana, 1995.
99. **Bradford WD.** "Optimal Physician - Hospital Admission Privilege Contracting," Southern Economic Association Annual Meeting, New Orleans, Louisiana, 1995.
100. **Bradford WD.** "The Effect of State Medicaid Expenditures on the Quantity and Quality of Children Demanded by Welfare Dependent Households," Southern Economic Association Annual Meeting, New Orleans, Louisiana, 1995.
101. **Bradford WD.** "Solo Practice versus Partnerships in the Medical Profession: The Influence of Malpractice Risk," Econometric Society Session at the Allied Social Sciences Association Annual Meetings, Boston, Massachusetts, 1993.
102. **Bradford WD.** "The Efficiency of Employment-Based Health Insurance: The Potential for Supra-Marginal Cost Pricing," Southern Economic Association Annual Meeting, New Orleans, Louisiana, 1993.
103. **Bradford WD.** "Solo Practice Versus Partnerships in the Medical Profession: The Influence of Malpractice Risk," Northeast Business and Economics Association Annual Meeting, Portsmouth, New Hampshire, 1993.
104. **Bradford WD.** "The Effects of a Relative Value Reimbursement Scheme on the Medical Market: Lessons from Medicaid," Southern Economic Association Annual Meeting, Washington, D.C., 1992.
105. **Bradford WD.** "National Health Care and Quality of Service: Lessons from Medicaid," Western Economic Association, International Annual Meeting, San Francisco, California, 1992.

106. **Bradford WD.** "A Structural Comparison of the Soft Drink and Malt Beverage Industries," Western Economic Association, International Meetings, San Diego, California, 1990.
107. **Bradford WD.** "A Cost Benefit Study of Mandated Ethanol-Gasoline Blends," (with C. Dahl), Allied Social Sciences Annual Meetings, Atlanta, Georgia, 1989.
108. **Bradford WD, Dahl C.** "Preliminary Report on the Effectiveness of a Mandatory Gasohol Program on Automotive Exhaust Emissions to the Year 2000," (with C. Dahl), Southern Economic Association Meetings, Orlando, Florida, 1989.

## Invited Lectures and Other Presentations

1. "The Effect of Evictions and Homelessness on Accidental Drug and Alcohol Mortality." Department of Health Care Management, Wharton School of Economics, University of Pennsylvania. October 30, 2020.
2. "The Effect of State and Local Housing Policies on County-Level Eviction Rates in the United States, 2004-2016." Department of Risk and Insurance Seminar Series, University of Wisconsin – Madison. September 18, 2020.
3. "The Association between Housing Policy, Homelessness, and Accidental Drug and Alcohol Mortality." Alcohol Research Group, University of California – Berkeley. September 15, 2020.
4. "Testimony Before Georgia State House Medical Cannabis Working Group." State of Georgia General Assembly Committee. October 5, 2018.
5. "Medical Cannabis, Opioid Use, and the Opioid Mortality Crisis: Evidence for Kentucky." Foundation for a Healthy Kentucky, Howard L. Bost Memorial Health Policy Forum. Lexington, KY, September 24, 2018.
6. "Economic Issues in the Legalization of Cannabis." Second Annual Ireland Master Class in Health Economics. Queens University Belfast, Northern Ireland, United Kingdom. April 3-6, 2018.
7. "Medical Cannabis Policies and Health." Washington State Medical Commission Conference, October 4-5, 2017.
8. "Medical Cannabis in Georgia: Testimony Before Georgia State House Medical Cannabis Working Group." State of Georgia General Assembly Committee. November 28, 2017.



9. "Medical Cannabis in Georgia: Testimony Before Georgia State House Medical Cannabis Working Group." State of Georgia General Assembly Committee. February 20, 2017.
10. "Medical Cannabis in Georgia: Testimony Before Georgia State House Medical Cannabis Working Group." State of Georgia General Assembly Committee. February 1, 2017.
11. "Medical Marijuana Legalization and Prescription Medication Use in the Medicare Population." Health Economics Research Group (HERG) at the Centers for Disease Control and Prevention, Atlanta GA, October 19, 2016.
12. "Medical Marijuana Laws Reduce Prescription Medication Use In Medicare Part D." State Epidemiological Workgroup (SEOW), Vermont Department of Health, Division of Alcohol and Drug Abuse Programs, (via Skype) July 21, 2016.
13. "Medical Marijuana Legalization and Prescription Medication Use in the Medicare Population." Triangle Health Economics Workshop, University of North Carolina – Chapel Hill, April 2016.
14. "Medical Marijuana Legalization and Prescription Medication Use in the Medicare Population." School of Public Health Seminar Series, Texas A&M University, December 2015.
15. "Anti-Kickback Statute." Keynote panel discussion. Bates White Life Sciences Symposium. Washington, DC. June 8-9, 2015.
16. "Impact of FDA Actions, DTCA, and Public Information on the Market for Pain Medication." Department of Economics Seminar Series, University of New Hampshire, May 4, 2012.
17. "The Impact of State Tobacco Control Policies on Smoking Cessation Attempts." Division of Health Policy & Management Seminar Series, University of Minnesota School of Public Health, March 30, 2012.
18. "The Impact of Public Information and FDA Issued Warnings on the Use of Prescription Pharmaceuticals in Primary Care." FDA Social Sciences Network Quarterly Meeting, Food and Drug Administration, Hyattsville, MD, June 20, 2011.
19. "Getting Used to It: The Adaptive Global Utility Model." Division of Health and Social Care, London School of Economics, London, U.K., November 11, 2010.

20. "The impact of public information and FDA issued warnings on the use of antidepressants in primary care." Department of Economics Seminar Series, Florida State University, Tallahassee FL, September 23, 2010.
21. "Time and Risk Preferences in the Choice of Health Insurance Coverage." Pepper Center Seminar Series, Florida State University, Tallahassee FL, September 23, 2010.
22. "Time and Risk Preferences in the Choice of Health Insurance Coverage." Lister Hill Center Seminar Series, University of Alabama at Birmingham, Birmingham, AL, September 8, 2010.
23. "Healthcare Reform and the Pharmaceutical Industry What Are the Implications?" Keynote Lecture, PharmaMarketing Summit. Doral Golf Resort & Spa, Miami, FL, May 10-12, 2010.
24. "Time and Risk Preferences in the Choice of Health Insurance Coverage." Department of Health Policy Seminar Series, George Washington University, Washington, D.C. April 23, 2010.
25. "Competition in the Pharmaceutical Industry: At a Crossroads?" Panel participant, Bates White Healthcare Law and Economics Workshop, Washington D.C., October 29, 2009.
26. "The Role of Time Preferences in Prevention - Unrealized Barriers." Keynote Lecture, 2009 Kaafee Billah Memorial Award Ceremony. Centers for Disease Control, Atlanta, GA, September 17th, 2009.
27. "Can Credence Advertising Effects Be Isolated? Can They Be Negative?: Evidence From Pharmaceuticals", Department of Economics, Georgia State University, Atlanta, GA. August 21, 2009.
28. "Can Credence Advertising Effects Be Isolated? Can They Be Negative?: Evidence From Pharmaceuticals." Department of Economics, University of Georgia, Athens, GA; October 9, 2008.
29. "Advertising Search, Experience and Credence Characteristics: The Case of Prescription Pharmaceuticals." Department of Economics, Rice University, Houston, TX; April 1, 2008.
30. "The Effect of Direct to Consumer Television Advertising on the Timing of Treatment." Leonard Davis Institute Research Seminar, University of Pennsylvania, Philadelphia, PA; April 18, 2008.

31. "Advertising Search, Experience and Prestige Characteristics: The Case of Prescription Pharmaceuticals." Department of Economics Seminar Series, University of South Carolina, Columbia, SC, October 5, 2007.
32. "Advertising Search, Experience and Prestige Characteristics: The Case of Prescription Pharmaceuticals." Department of Economics Seminar Series, College of Charleston, Charleston, SC, October 5, 2007.
33. "The Impact of Direct to Consumer Advertising on Outcomes of Statin Therapy," Lister Hill Center Seminar Series, Birmingham, AL, March 8, 2006.
34. "The Impact of Direct to Consumer Advertising on Prescription Drugs:" FDA Hearing on Direct to Consumer Advertising, Washington DC, November 1, 2005.
35. "The Impact of Direct to Consumer Advertising for Prescription Drugs on Physician Prescribing Behavior for the Treatment for Osteoarthritis." Department of Economics Seminar Series, University of North Carolina – Greensboro, October 2004.
36. "Time preference and willingness to pay for preventive health services: an application to lung cancer screening." Atlanta Federal Reserve Bank Seminar Series, Federal Reserve Bank, Atlanta, Georgia, July 2004.
37. "Pregnancy and the Demand for Cigarettes" Economics Spring 2001 Seminar Series, Department of Economics, University of South Carolina, February 2001.
38. "Pregnancy and the Demand for Cigarettes" Lister Hill Center for Health Policy 1999-2000 Seminar Series, University of Alabama at Birmingham, July 2000.
39. "Report on: Very Low Birth Weight Outcomes Project" (with L. Beardon, L. Szwebka, C. Gibson) South Carolina State Committee on Obstetrics and Gynecology, January 2000; and South Carolina Medical Association Committee on Perinatal Regionalization, January 2000.
40. "Cost-Benefit and Cost-Effectiveness Analysis Under Review" 4<sup>th</sup> Annual Practical Issues in Outcomes Measurement and Management Continuing Medical Education, New Orleans, Louisiana, April 1999.
41. "Tools of the Trade – Resources for Economic Assessment" 4<sup>th</sup> Annual Practical Issues in Outcomes Measurement and Management Continuing Medical Education, New Orleans, Louisiana, April 1999.

42. "How to Use the Medical Literature in Practice: Economic Perspectives" 4<sup>th</sup> Annual Practical Issues in Outcomes Measurement and Management Continuing Medical Education, New Orleans, Louisiana, April 1999.
43. "Cost-Effectiveness and the Economics of Health Care," 3<sup>rd</sup> Annual Practical Issues in Outcomes Measurement and Management Continuing Medical Education, New Orleans, Louisiana, April 1998.
44. "Cost Effectiveness / Cost Benefit Analysis in Technology Assessment." 3<sup>rd</sup> Annual Practical Issues in Outcomes Measurement and Management Continuing Medical Education, New Orleans, Louisiana, April 1998.
45. "Pregnancy and the Demand for Cigarettes." Yale University, Department of Epidemiology and Public Health Seminar Series, November 1997.
46. "Cost Effectiveness and the Economics of Health Care," 2<sup>nd</sup> Annual Practical Issues in Outcomes Measurement and Management Continuing Medical Education, New Orleans, Louisiana, April 1997.
47. "The Effectiveness of Catheterization on Mortality from Acute Myocardial Infarction when Controlling for Selection Effects in an Elderly and Non-Elderly Population." Yale University, Department of Epidemiology and Public Health Seminar Series, December 1996.
48. "Medicaid Generosity and the Size of Welfare Dependent Families," Boston University / MIT / Harvard Health Economics Seminar, February 1996.

## **Professional Service**

### **Professional Organizations**

*Board Member:* International Health Economics Association

*Advisory Board Member:* American Society of Health Economists

*Co-Editor:* Health Economics Letters, peer-reviewed journal published by John Wiley and Sons.

*Associate Editor:* Health Economics, peer-reviewed journal published by John Wiley and Sons.

*Steering Committee Chair:* Southeastern Health Economics Study Group

*Steering Committee Member:* Annual Health Economics Conference

*Co-Chair:* International Health Economics Association scientific committee for ASSA sessions, 2011.

## **National Policy Sessions**

Writer for American College of Cardiology Bethesda Conference #33, Preventative Cardiology, December 2001.

## **Service to the State of Georgia**

Member, Governor's Health Exchange Advisory Committee, 2011 to present.

## **Study Session Participation and Proposal Review:**

Member NIH Special Emphasis Panel, "Integrating Comparative Effectiveness Research Findings into Care Delivery through Economic Incentives". June 2011.

Permanent Member, Review Committee for National Institutes of Health, Health Services Organization and Delivery (HSOD) Section. October 2008 to 2012.

Review Committee for AHA Pharmaceutical Roundtable (PRT) Outcomes Research Center Award Study Section, American Heart Association, June 2008.

Review Committee for National Institutes of Health, Health Services Organization and Delivery (HSOD) Section. June, 2007, June 2008.

Review Committee for National Institute on Mental Health, Services Research Section. February 7, 2007.

Review Committee for National Institute on Aging, Program Project Section (ZAG1 ZIJ-9 (O3)). June 2006.

Review Committee for American Heart Association, Outcomes Study Section, October 2001.

Review Committee for Agency for Health Care Policy and Research, HS-00-001: Health Care Markets and Managed Care, Rockville MD, February 2000.

Reviewer for National Science Foundation, Economics Program (Program Announcement: GPG, NSF 99-2), November 1999, November 2003, March 2006.

Review Committee for National Institute for Alcohol and Alcohol Abuse, ZAA1 FF: Health Services Research on Alcohol-Related Problems, Bethesda, MD, July 1997.

Review Committee for Centers for Disease Control and Prevention, PE Fellows Class, March 2004, March 2005, March 2006, March 2007.

## **Legal Consults Involving Testimony in Court**

UCB, Inc. and UCP Manufacturing, Inc., Plaintiffs v. Teva Pharmaceuticals USA, Inc.,  
Defendant: Civil Action No. 1:12-CV-4420-CAP. (For the plaintiffs. Contact Attorney:  
John Kirkland, Fitzpatrick, Cella, Harper & Scinto, New York, NY).

## **Legal Consults Involving Expert Reports and Deposition**

United States v. Mark Steven Miller In re: Claim of William R. Davidson: Case No.  
3:02CR722; deposition given on 7/29/04. (For the defense. Contact attorney: Betty J.  
Konen, Assistant U.S. Attorney, U.S. Department of Justice, Cleveland, Ohio.)

Lowcountry Orthopaedic, PA, J. David Dalton, M.D., Joel R. Cox, M.D., Michael A  
Maginnis, M.D., and James J. McCoy, M.D. v. Trident Medical Care Center, LLC and  
HCA Inc.: Case No. 99-CP-08-2279; deposition given on 8/24/04. (For the defense.  
Contact attorney: Richard Farrier, Nelson Mullins Riley & Scarborough, Charleston,  
South Carolina.)

Alexis Sams and all others similarly situated vs. Palmetto Health Alliance d/b/a Palmetto  
Richland and Palmetto Baptist.: Case No. 04-CP-40-4168; and Frances Bonetto and all  
others similarly situated vs. Palmetto Health Alliance d/b/a Palmetto Richland and  
Palmetto Baptist.: Case No. 04-CP-40-4362; deposition given on October 20, 2005. (For  
the defense. Contact attorney: Daniel C. Leonardi, Nexsen Pruet Adams & Kleemeier,  
LLC, Columbia, South Carolina.)

Martha Ward on behalf of herself and others similarly situated vs. Dixie National Life  
Insurance Company and National Foundation Life Insurance Company: Case No. 03-3-  
3239-17; deposition given on December 20, 2005. (For the defense. Contact attorney: J.  
Calhoun Watson, Sowell Gray Stepp & Laffitte, LLC, Columbia, South Carolina.)

United States of America ex re. Ven-a-Care of Florida, Inc. v. Dey, Inc. et al.: Civil Action  
No. 05-11084-PBS; deposition given on May 7-8, 2009. (For the defense. Contact attorney:  
Sarah L. Reid, Kelley, Drye & Warren, LLP, New York, NY.)

The State of Texas ex re. Ven-a-Care of the Florida Keys, Inc. v. Sandoz, Inc. et al.: In the  
District Court of Texas No. D-1-GV-07-001259; deposition given on August 27-28, 2009.  
Mylan Pharmaceuticals, Inc. defendant. (For the defense. Contact attorney: Christopher  
C. Palermo, Kelley, Drye & Warren, LLP, New York, NY.)

The State of California ex re. Ven-a-Care of the Florida Keys, Inc. v. Abbott Laboratories et al.: MDL No. 1465; Master File No. 01-12257-PBS. Mylan Pharmaceuticals, Inc. defendant; deposition given September 27, 2009. (For the defense. Contact attorney: Christopher C. Palermo, Kelley, Drye & Warren, LLP, New York, NY.)

The State of California ex re. Ven-a-Care of the Florida Keys, Inc. v. Abbott Laboratories et al.: MDL No. 1465; Master File No. 01-12257-PBS. Dey Pharmaceuticals, Inc. defendant; deposition given September 27, 2009. (For the defense. Contact attorney: Sarah L. Reid, Kelley, Drye & Warren, LLP, New York, NY.)

State of Alabama v. Mylan Laboratories, Inc. (No. 2005-219.50), State of Alabama v. Mylan Pharmaceuticals, Inc. (No. 2005-219.51), and State of Alabama v. UDL Laboratories, Inc. (No. 2005-219.72); deposition given May 21, 2010. (For the defense. Contact attorney: Christopher C. Palermo, Kelley, Drye & Warren, LLP, New York, NY.)

Kathy Green v. Sisters of Charity Providence Hospitals (C/A No. 2004-CP-40-5576), Dubose, et al. v. Tuomey, Inc, d/b/a Tuomey Healthcare System (C/A No. 2004-CP-43-1113), Bisbee v. Kershaw County Medical Center (C/A No. 2004-CP-28-0630); deposition given November 4, 2010. (For the defense. Contact attorney: Daniel C. Leonardi, Nexsen Pruet, LLC, Columbia, SC).

In re: Lipitor (Atorvastatin Calcium) Marketing, Sales Practices and Products Liability Litigation: MDL No. 2:14-mn-02502-RMG; deposition given June 11-12, 2015. (For the plaintiffs. Contact Attorney: David F. Miceli, Simmons, Hanly, Conroy LLC, Alton, Illinois 62002).

United States ex rel. George v. Fresenius Medical Care Holdings, Inc. No. 2:12-cv-877; deposition given January 14, 2016. (For the defense. Contact attorney: Jamie Rehmann, Esq., Dowd Bennett, LLP, St. Louis, Missouri.)

The State of Louisiana ex rel., James D. "Buddy" Caldwell, Attorney General v. Fresenius Medical Care Holdings, Inc., et al.; No. 631586 (for the defendants. Contact Attorney: James F. Bennett, Dowd Bennett, LLP, St. Louis, Missouri.)

Commonwealth of Kentucky, ex rel. Andy Beshear, Plaintiff v. Fresenius Medical Care Holdings, Inc. d/b/a Fresenius USA, Inc., Fresenius USA Manufacturing, Inc., Fresenius USA Sales, Inc., Defendants, Civil Action No. 16-CI-00946; deposition given August 23, 2018. (For defendants. Contact attorney: Gabriel Gore, Dowd Bennett, St. Louis, Missouri.)

The State of Texas ex rel. Express Med Pharmaceuticals, plaintiffs, v. Lupin Limited, Lupin Inc., Lupin Pharmaceuticals Inc., Robert Hoffman, and Vinita Gupta, defendants,

In the District Court of Travis County Texas, 250<sup>th</sup> Judicial District.; deposition given April 2, 2019. (For the defense. Contact Attorney: John Del Monaco, Esq., Kirkland & Ellis, LLP., New York, NY.)

Barbara Lewis, Akemi Buckingham, Bobbie Joe Huling, Cynthia Whetsell, Martha Mearle, Elaina Hufnagel, Theresa Gattuso, Elissa Wagner, and Dixie Williams, Individually and on behalf of all others similarly situated, Plaintiffs v. Rodan + fields, LLS, a California Limited Liability Company, Defendant. Civil Action No. 4:18-cv-02248-PJH; deposition given July 29, 2020. (For the defense. Contact Attorney: Anthony J. Anscombe, Esq., Steptoe and Johnson LLP.)

Kathleen Jennings, the Attorney General of the State of Delaware, Plaintiff, v. Hugh M. Durden, John S. Lord, Thomas G. Kuntz, John F. Porter III, Geoffrey M. Rogers and Winfred L. Thornton, as Trustees under the Last Will and Testament and Codicils thereto of Alfred I. DuPont, deceased, Defendants and the Nemours Foundation, a not-for-profit corporation organized under the laws of Florida and Ashley Moody, the Attorney General of the State of Florida, Intervenor Defendants. Case No. 16-2017-CA-004945; deposition given April 14, 2021. (For the plaintiff. Contact Attorney: Garrett B. Moritz, Esq., Ross, Aronstam & Moritz, LLP.)

Ontario Teachers' Pension Plan Board, Individually and as Lead Plaintiff on behalf of all others similarly situation; and Anchorage Police & Fire Retirement System, Individually and as Named Plaintiff on behalf of all similarly-situated bond purchasers, Plaintiffs, v. Teva Pharmaceutical Industries, LTD; Erez Vigodman; Eyal Desheh; Sigurdur Olafsson; Deborah Griffin; Kare Schultz; Michel McClellan; Yitzhak Peterburg; and Teva Pharmaceutical Finance Netherlands III B.V. Case No. 3:17-cv-00558 (SRU); deposition given July 1, 2021. (For the plaintiff. Contact Attorney: Joseph A. Fonti, Bleichmar Fonti & Auld, LLP.)

## **Legal Consults Involving Expert Reports Only**

Bridget Kennedy, as Administratrix of the estate of Zakiya Kennedy, deceased, vs. Ortho-McNeil Pharmaceutical, Inc., Johnson and Johnson, Columbus & 103<sup>rd</sup> Street Drug Corp., the Mount Sinai Hospital, and Thain Rousseuau-Pierre, MD: Supreme Court of the State of New York, County of New York, Index No: 106921/05. (For the defense. Contact attorney: Terry Tottenham, Fulbright & Jaworski, LLP, Austin, Texas.)

Ronald Drazin et al., vs. Horizon Blue Cross Blue Shield of New Jersey, et al.: Civil Action No. 06-6219. (For the plaintiffs. Contact attorney: Randee M. Matloff, Esq., Nagel Rice, LLP, Roseland, New Jersey.)



Commonwealth of Kentucky Ex. Re. Jack Conway, Attorney General v. Alpharma USPD, INC, et al., Commonwealth of Kentucky, Franklin Circuit Court, Div I Civil Action No. 04-CI-1487. (For the defense. Contact attorney: Don Ridings, Covington and Burling, Washington, D.C.)

In Re: Actiq Sales and Marketing Practices Litigation: United States District Court for the Eastern District of Pennsylvania; No. 07-ev-4492. (For the defense. Contact Attorney: Erica Smith-Klocek, Morgan, Lewis & Bockius LLP, 1701 Market Street, Philadelphia, PA 19103.)

United States ex rel. Michael Ruhe, Kristine Serwitz and Vicente Catala, and Michael Ruhe, Individually, and Vicente Catala, Individually and Kristine Serwitz, Individually, Plaintiffs, v. Masimo Corporation, Defendant.; No. CV 10-8169 CBM JCG (For the plaintiffs. Contact Attorney: Sam Collings, Janet, Jenner and Suggs, LLC, 1777 Reisterstown Road, Suite 165, Baltimore, MD 21208.)

### **Legal Consults as Listed Expert but Without Report**

United States of America v. Lori Skowronski Brill, Butch Brill, Rayford Travis Goodwin, Anthony Eric Mosley, James Anthony Goins, Chris Vernon, Jeff Vernon and Leroy Waters: Criminal No. 1:11-cr-00012-KD, USAO No. 11R00039, in the United States District Court for the Southern District of Alabama, Southern Division. (For the defense. Contact attorney: Robert Baugh, Sirote & Permutt, Birmingham, Alabama).

State of Louisiana v. GlaxoSmithKline, LLC, formerly SmithKline Beecham Corporation d/b/a GlaxoSmithKline; GlaxoSmithKline, PLC: No. 599353, 19<sup>th</sup> Judicial District Court for the Parish of East Baton Rouge State of Louisiana. (For the defense. Contact Attorney: Eric Rothschild, Pepper Hamilton LLP, 3000 Two Logan Square, Philadelphia, PA 19103.)

Innova Hospital San Antonio, LP and Victory Medical Center Houston, LP, Plaintiffs v. Health care Service Corporation, Blue Cross and Blue Shield of Alabama, Louisiana Health Service & Indemnity Company, et al., C.A. No. 3:12-cv-1607-O. (For the plaintiffs. Contact attorney: Laura O'Hara, Strasburger & Price, LLP, 901 Main Street, Suite 4400, Dallas, TX 75202.)

### **Departmental and University Service**

*University of Georgia*

Program Review and Assessment Committee (PRAC)  
Faculty Promotion and Tenure Review Committee

*School of Public and International Affairs*

College Promotion and Tenure Committee

*Department of Public Administration and Policy, University of Georgia*

Department Head Search Committee, 2013  
Faculty Executive Committee, 2008 to present  
External Funding Committee, 2008 to present  
3rd Year Review Committee, 2009  
Faculty Recruiting Committee (Chair), 2009

*Medical University of South Carolina*

Faculty Convocation Committee Chair, 2002-2003  
Faculty Convocation Committee, 2000-2004  
Healthy South Carolina Advisory Board, 2000-2003  
MUSC University Research Council, 2001-present  
MUSC Planning Committee, CTSA Project, April 2006-present

*College of Health Professions, Medical University of South Carolina*

College of Health Professions Tenure Committee Chair, 2001-2002  
Dean's Council, 2002-present  
Chair, Faculty Assembly, 2005-2006  
Student Scholarship and Faculty Award Committee Chair, 2002-2005

*Department of Health Administration and Policy, Medical University of South Carolina*

Faculty Promotion Committee, 2000-2001  
Research Committee Chair, 1999-2001  
Health Administration and Policy Departmental Hiring Committee, 2001-2002  
DHA Leadership Committee, 2001-2002  
Director, Health Economics Research Unit, 1999-2002

*Center for Health Economic and Policy Studies, Medical University of South Carolina*

Founder and Director, 2003-2008

*Center for Health Care Research, Medical University of South Carolina*

Faculty Search Committee, 1998-1999  
Visiting Scholar Program Director, 1998-2001  
Executive Committee, 2000-2001

*Department of Economics, University of New Hampshire:*

Hiring Committee for McKerley Endowed Chair in Health Economics, 1997-1998; Graduate Theory Exam Committee, 1991-1998; Department of Economics Graduate Program Coordinator, 1996-1997; Undergraduate Program Committee, 1991-1993; Graduate Program Committee, 1993; Graduate Program Committee 1995-1997; Faculty Recruiting Committee, 1991-1992; Faculty Recruiting Committee, 1993; Faculty Recruiting Committee, 1996.

*University of New Hampshire:*

University Graduate Council, 1993-1995.

## **Teaching Responsibilities**

Policies for Risky Behaviors, (Undergraduate level, Department of Public Administration and Policy, University of Georgia).

Public Policy Analysis, (Masters level, Department of Public Administration and Policy, University of Georgia).

Policy Seminar: Demand Side of Health Economics, (Ph.D. level, Department of Public Administration and Policy, University of Georgia).

Foundations of Policy Analysis, (Masters level, Department of Public Administration and Policy, University of Georgia).

Advanced Topics in Statistical Modeling, (Ph.D. level, Department of Public Administration and Policy, University of Georgia).

Program Evaluation, (Masters and Ph.D. level, Department of Public Administration and Policy, University of Georgia).

Logical Tools for Decision Making, (Doctoral level, Department of Health Administration and Policy, Medical University of South Carolina).

Health Care Financial Management, (Doctoral level, Department of Health Administration and Policy, Medical University of South Carolina).

Microeconomic Theory I, (Ph.D. level, Department of Economics, University of New Hampshire).

Industrial Organization II, (Ph.D. level, Department of Economics, University of New Hampshire).

Health Economics, (Undergraduate level, Department of Economics, University of New Hampshire; Master's level, Department of Health Management and Policy, University of New Hampshire; Master's Level, Department of Health Administration and Policy, Medical University of South Carolina).

Intermediate Microeconomic Theory, (Department of Economics, University of New Hampshire).

Principles of Economics, (Undergraduate level, Department of Economics, University of New Hampshire; Department of Economics, Louisiana State University).

## Professional Organizations

American Economic Association  
American Society of Health Economists  
International Health Economics Association  
Southern Economic Association

## Personal

Birth Date: January 27, 1965.  
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