

## CURRICULUM VITAE

**EDWARD C. NORTON, PH.D.**

**UnitedHealthcare Professor of Health Care Management**

### ADDRESS

Department of Health Management and Policy, School of Public Health and  
Department of Economics  
University of Michigan  
1415 Washington Heights, M3108 SPH II  
Ann Arbor, MI 48109-2029

E-mail: ecnorton "at" umich.edu  
Phone: 734-615-5738

### EDUCATION

1986 A.B., Economics, Princeton University, Princeton, N.J.

1990 Ph.D., Economics, Massachusetts Institute of Technology, Cambridge, Mass.

### EMPLOYMENT

1990–1993 **Assistant Professor** (1992–1993), **Instructor** (1990–1992). Department of Health Care Policy, Harvard Medical School, Boston, Mass.

1993–1996 **Senior Economist** (1995–1996), **Research Economist** (1993–1995). Center for Economics Research, Research Triangle Institute, Research Triangle Park, N.C.

1994–2014 **Adjunct Professor** (2008–2014), **Professor** (2005–2008), **Associate Professor** (2000–2005), **Assistant Professor** (1996–2000), **Adjunct Assistant Professor** (1994–1996). Department of Health Policy and Administration, School of Public Health, University of North Carolina at Chapel Hill, Chapel Hill, N.C.

2004–2008 **Professor** (joint appointment, 2007–2008), **Adjunct Associate Professor** (2004–2007). Department of Economics, University of North Carolina at Chapel Hill, Chapel Hill, N.C.

- 2008– **Professor** (2008–). Department of Health Management and Policy, School of Public Health, University of Michigan, Ann Arbor, Mich.
- 2008– **Professor** (joint appointment, 2008–). Department of Economics, University of Michigan, Ann Arbor, Mich.
- 2023– **UnitedHealthcare Professor of Health Care Management**. Department of Health Management and Policy, School of Public Health, University of Michigan, Ann Arbor, Mich.

#### **OTHER PROFESSIONAL EXPERIENCE**

- 1990–1992 **Postdoctoral Fellow**. Program on the Economics of Aging, National Bureau of Economic Research, Cambridge, Mass.
- 1994–2005 **Part-time Lecturer**. Center for Health Policy, Law and Management, Duke University, Durham, N.C.
- 2000–2003 **Director of the Doctoral Program**. Department of Health Policy and Administration, University of North Carolina at Chapel Hill, N.C.
- 1997–2008 **Research Fellow**. Cecil G. Sheps Center for Health Services Research, University of North Carolina at Chapel Hill, N.C.
- 2008–2016 **Director** (2011-2016), **Associate Director** (2008-2011). **Robert Wood Johnson Foundation Scholars in Health Policy Research at the University of Michigan**. Department of Health Management and Policy, School of Public Health, University of Michigan, Ann Arbor, Mich.
- 2013–2014 **Member of the Research and Policy Committee**, Center for Healthcare Research and Transformation, Ann Arbor, Mich.
- 2014–2015 **Visiting Professor**. Department of Economics, University of Tokyo, Tokyo, Japan.
- 2015 and 2021–2022 **Visiting Professor**. London School of Economics, London, England.
- 2022 **Visiting Professor**. Hunter College, CUNY, New York, NY.
- 2022 **Visiting Professor**. Dartmouth College, Hanover, New Hampshire.
- 2008– **Research Affiliate**. Population Studies Center, University of Michigan, Ann Arbor, Mich.

- 2009– **Research Associate.** National Bureau of Economic Research, Cambridge, MA. Health Economics Program, Health Care Program, and Economics of Aging Program.
- 2011– **Faculty Member.** Institute for Healthcare Policy & Innovation, University of Michigan, Ann Arbor, Mich.
- 2013– **MVC Economist.** Michigan Value Collaborative. Ann Arbor, Mich.
- 2017–2021 and 2022– **Director of the Doctoral Program.** Department of Health Management and Policy, University of Michigan, Ann Arbor, Mich.
- 2022– **Director.** Center for Evaluating Health Reform. School of Public Health, University of Michigan, Ann Arbor, Mich.
- 2022– **Associate Chair.** Department of Health Management and Policy, University of Michigan, Ann Arbor, Mich.
- 2023– **Director of Quantitative Analytics,** Center for Healthcare Outcomes and Policy, University of Michigan, Ann Arbor, Mich.

#### AWARDS AND FELLOWSHIPS

- 1986 Phi Beta Kappa
- 1986–1989 National Science Foundation Fellowship
- 1989–1990 Bradley Graduate Fellowship
- 2003 Phillip and Ruth Hettleman Prize for Artistic and Scholarly Achievement by Young Faculty
- 2005 Giddon Award for Distinguished Research in the Behavioral Sciences, presented by the International Association of Dental Research (with J.Y. Lee, R.G. Rozier, J.B. Kotch, and W.F. Vann, Jr.)
- 2005 2004 Best Paper of the *Journal of Public Health Dentistry* (with J.Y. Lee, R.G. Rozier, J.B. Kotch, and W.F. Vann, Jr.)
- 2007 Delta Omega Society for Public Health, selected for faculty membership
- 2012 Center for Healthcare Research & Transformation Policy Fellowship at the University of Michigan
- 2017 Nominated for the Golden Apple Award at the University of Michigan
- 2018 School of Public Health Excellence in Research Award, University of Michigan
- 2021 Willard Manning Award in Mental Health Policy and Economics Research
- 2021 Nominated for the School of Public Health Excellence in Teaching Award
- 2022 *Health Services Research* John M. Eisenberg Article of the Year Award (with B. Post, B. Hollenbeck, T. Buchmueller, A.M. Ryan)

## **PUBLICATIONS: JOURNAL ARTICLES**

1. Norton, E.C. 1992. "Incentive Regulation of Nursing Homes." **Journal of Health Economics** 11(2):105–128.
2. Norton, E.C., and D.O. Staiger. 1994. "How Hospital Ownership Affects Access to Care for the Uninsured." **RAND Journal of Economics** 25(1):171–185.
3. Norton, E.C., and J.P. Newhouse. 1994. "Policy Options for Public Long-Term Care Insurance." **Journal of the American Medical Association** 271(19):1520–1524.
4. Norton, E.C. 1995. "Elderly Assets, Medicaid Policy, and Spend-down in Nursing Homes." **Review of Income and Wealth** 41(3):309–329.
5. Fukuhara, S., and E.C. Norton. 1996. "Hospital Charges and Use for Treatment of Acute Illness in Japan and the United States." **International Medical Journal** 3(1):39–51.
6. Norton, E.C., G.A. Zarkin, B. Calingaert, and C.J. Bradley. 1996. "The Effect of Maternal Substance Abuse on the Cost of Neonatal Care." **Inquiry** 33(3):247–257.
7. Dickey, B., S.T. Normand, E.C. Norton, H. Azeni, W. Fisher, F. Altaffer. 1996. "Managing the Care of Schizophrenia: Lessons from a Four-Year Massachusetts Medicaid Study." **Archives of General Psychiatry** 53(10):945–952.
8. Norton, E.C., G.S. Bieler, S.T. Ennett, and G.A. Zarkin. 1996. "Analysis of Prevention Program Effectiveness with Clustered Data Using Generalized Estimating Equations." **Journal of Consulting and Clinical Psychology** 64(5):919–926.
9. Ennett, S.T., R.L. Flewelling, R.C. Lindrooth, and E.C. Norton. 1997. "School and Neighborhood Characteristics Associated with School Rates of Alcohol, Cigarette, and Marijuana Use." **Journal of Health and Social Behavior** 38(1):55–71.
10. Norton, E.C., R.C. Lindrooth, and B. Dickey. 1997. "Cost-Shifting in a Mental Health Carve-Out for the AFDC Population." **Health Care Financing Review** 18(3):95–108. PMID: PMC4194497.
11. Sloan, F.A., and E.C. Norton. 1997. "Adverse Selection, Bequests, Crowding Out, and Private Demand for Insurance: Evidence from the Long-term Care Insurance Market." **Journal of Risk and Uncertainty** 15(3):201–219.
12. Lee, A.J., S.A. Garfinkel, R.K. Khandker, and E.C. Norton. 1997. "Impact of Medicare SELECT on Cost and Utilization in 11 States." **Health Care Financing Review** 19(1):19–40. PMID: PMC4194485.

13. Dickey, B., S.T. Normand, E.C. Norton, W. Fisher, and H. Azeni. 1998. "Treatment of Long-term Psychiatric Disorders in the Managed Care Environment." **Clinical Drug Investigation** 15(4):303–308.
14. Bala, M.V., L.L. Wood, G.A. Zarkin, E.C. Norton, A. Gafni, and B. O'Brien. 1998. "Valuing Outcomes in Health Care: A Comparison of Willingness-to-Pay and Quality-Adjusted Life-Years." **Journal of Clinical Epidemiology** 51(8):667–676.
15. Norton, E.C., R.C. Lindrooth, and S.T. Ennett. 1998. "Controlling for the Endogeneity of Peer Substance Use on Adolescent Alcohol and Tobacco Use." **Health Economics** 7:439–453. Reprinted in J. Cawley and D.S. Kenkel (eds.), **The Economics of Health Behaviours**, Volume II, 2008, pp. 56–70, Cheltenham, UK: Elgar.
16. Norton, E.C., S.A. Garfinkel, L.J. McQuay, D.A. Heck, J.G. Wright, R. Dittus, and R.M. Lubitz. 1998. "The Effect of Hospital Volume on the In-Hospital Complication Rate in Knee Replacement Patients." **Health Services Research** 33(5):1191–1210. PMID: PMC1070313.
17. Fisher, W.H., R.C. Lindrooth, E.C. Norton, and B. Dickey. 1998. "How Managed Care Organizations Develop Selective Contracting Networks for Psychiatric Inpatient Care: A Massachusetts Case Study." **Inquiry** 35(4):417–431.
18. Taylor, Jr., D.H., F.A. Sloan, and E.C. Norton. 1999. "Formation of Trusts and Spend Down to Medicaid." **Journal of Gerontology: Social Sciences** 54B(4):S194–S201.
19. Norton, E.C., R.C. Lindrooth, and B. Dickey. 1999. "Cost-Shifting in Managed Care." **Mental Health Services Research** 1(3):185–196.
20. Bala, M.V., L.L. Wood, G.A. Zarkin, E.C. Norton, A. Gafni, and B. O'Brien. 1999. "Are Health States "Timeless"? The Case of the Standard Gamble Method." **Journal of Clinical Epidemiology** 52(11):1047–53.
21. Brasure, M., S.C. Stearns, E.C. Norton, and T. Ricketts, III. 1999. "Competitive Behavior in Local Physician Markets." **Medical Care Research and Review** 56(4):395–414.
22. Mayer, M.L., S.C. Stearns, E.C. Norton, and R.G. Rozier. 2000. "The Effects of Medicaid Expansions and Reimbursement Increases on Dentists' Participation." **Inquiry** 37(1):33–44.
23. Norton, E.C. and V. Kumar. 2000. "The Long-run Effect of the Medicare Catastrophic Coverage Act." **Inquiry** 37(2):173–187.
24. Ai, C. and E.C. Norton. 2000. "Standard Errors for the Retransformation Problem with Heteroscedasticity." **Journal of Health Economics** 19(5):697–718.

25. Marshall, D.A., K.N. Simpson, E.C. Norton, A.K. Biddle, and M. Youle. 2000. "Measuring the Effect of Clinical Guidelines on Patient Outcomes." **International Journal of Technology Assessment in Health Care** 16(4):1013–1023.
26. Dalton, K., and E.C. Norton. 2000. "Revisiting Rogowski and Newhouse on the indirect costs of teaching: A note on functional form and retransformation in Medicare's payment formulas." **Journal of Health Economics** 19(6):1027–1046.
27. Lindrooth, R.C., T.J. Hoerger, E.C. Norton. 2000. "Expectations Among the Elderly About Nursing Home Entry." **Health Services Research** 35(5):1181–1202. PMID: PMC1089169.
28. Mays, G.P., P.K. Halverson, A.D. Kaluzny, E.C. Norton. 2000. "How Managed Care Plans Contribute to Public Health Practice." **Inquiry** 37(4):389–410.
29. Mays, G.P. and E.C. Norton. 2000. "Managed Care Contracting and Medical Care for the Uninsured: Untangling Selection from Production." **Health Services & Outcomes Research Methodology** 1(3–4):305–334.
30. Dalton, K., E.C. Norton, and K. Kilpatrick. 2001. "A Longitudinal Study of the Effects of Graduate Medical Education on Hospital Operating Costs." **Health Services Research** 35(6):1267–1291. PMID: PMC1089190.
31. Doherty, J., E.C. Norton, and J. Veney. 2001. "China's One-Child Policy: The Economic Choices and Consequences Faces by Pregnant Women." **Social Science & Medicine** 52:745–761.
32. Dickey, B., S.T. Normand, E.C. Norton, A. Rupp, and H. Azeni. 2001. "Managed Care and Children's Behavioral Health Services in Massachusetts." **Psychiatric Services** 52(2):183–188.
33. McCormack, L.A., S.A. Garfinkel, J.H. Hibbard, E.C. Norton, and U.J. Bayen. 2001. "Health Plan Decision Making with New Medicare Information Materials." **Health Services Research** 36(3):531–554. PMID: PMC1089241.
34. Mello, M.M., S.C. Stearns, E.C. Norton. 2002. "Do Medicare HMOs Still Reduce Health Services Use after Controlling for Selection Bias?" **Health Economics** 11(4):323–340.
35. Lindrooth, R.C., E.C. Norton, and B. Dickey. 2002. "Provider Selection, Bargaining, and Utilization Management in Managed Care." **Economic Inquiry** 40(3):348–365.
36. Norton, E.C., C.H. Van Houtven, R.C. Lindrooth, S.T. Normand, and B. Dickey. 2002. "Does Prospective Payment Reduce Inpatient Length of Stay?" **Health Economics** 11(5):377–387.

37. Yang, Z., E.C. Norton, and S.C. Stearns. 2003. "Longevity and Health Care Expenditures: The Real Reasons Older People Spend More." **Journal of Gerontology: Social Sciences** 58:S2–S10.
38. Norton, E.C., R.C. Lindrooth, and S.L. Ennett. 2003. "How Measures of Perception from Survey Data Lead to Inconsistent Regression Results: Evidence from Adolescent and Peer Substance Use." **Health Economics** 12(2):139–148.
39. Anderson, W.L., E.C. Norton, and W.H. Dow. 2003. "Medicare Maximization by State Medicaid Programs: Effects on Medicare Home Care Utilization." **Medical Care Research and Review** 60(2):201-222.
40. Ai, C. and E.C. Norton. 2003. "Interaction Terms in Logit and Probit Models." **Economics Letters** 80(1):123–129.
41. Mello, M.M., S.C. Stearns, E.C. Norton, and T.C. Ricketts. 2003. "Understanding Biased Selection in Medicare HMOs." **Health Services Research** 38(3):961–992. PMID: PMC1360925.
42. Dow, W.H. and E.C. Norton. 2003. "Choosing Between and Interpreting the Heckit and Two-Part Models for Corner Solutions." **Health Services & Outcomes Research Methodology** 4(1):5–18.
43. Anderson, W.L., E.C. Norton, and G. Kenney. 2003. "Effects of State Medicaid Home Care Medicare Maximization Programs on Medicare Expenditures." **Home Health Care Services Quarterly** 22(3):19–40.
44. Liu, Z., W.H. Dow, and E.C. Norton. 2004. "Effect of drive-through delivery laws on postpartum length of stay and hospital charges." **Journal of Health Economics** 23(1):129–155.
45. Lee, J.Y., R.G. Rozier, E.C. Norton, J.B. Kotch, W.F. Vann, Jr. 2004. "The Effects of the Women, Infants and Children's Program on Dentally-Related Medicaid Expenditures." **Journal of Public Health Dentistry** 64:76–81.
46. Lee, J.Y., R.G. Rozier, E.C. Norton, J.B. Kotch, and W.F. Vann, Jr. 2004. "Effects of WIC Participation on Children's Use of Oral Health Services." **American Journal of Public Health** 94(5):772–777. PMID: PMC1448336.
47. Stearns, S.C. and E.C. Norton. 2004. "Time to Include Time to Death? The Future of Health Care Expenditure Predictions." **Health Economics** 13(4):315–327.
48. Konetzka, R.T., D. Yi, E.C. Norton, and K.E. Kilpatrick. 2004. "Effects of Medicare Payment Changes on Nursing Home Staffing and Deficiencies." **Health Services Research** 39(3):463–487. PMID: PMC1361020.

49. Norton, E.C., H. Wang, and C. Ai. 2004. "Computing interaction effects and standard errors in logit and probit models." **Stata Journal** 4(2):154–167.
50. Li, Y., E.C. Norton, and W.H. Dow. 2004. "Influenza and Pneumococcal Vaccination Demand Responses to Changes in Infectious Disease Mortality." **Health Services Research** 39(4):905–925. PMID: PMC1361044.
51. Domino, M.E., E.C. Norton, J.P. Morrissey, and N. Thakur. 2004. "Cost shifting to Jails after a change to managed mental health care." **Health Services Research** 39(5):1379–1401. PMID: PMC1361075.
52. Van Houtven, C.H. and E.C. Norton. 2004. "Informal care and health care use of older adults." **Journal of Health Economics** 23(6):1159–1180.
53. Norton, E.C. and D.H. Taylor, Jr. 2005. "Equal Division of Estates and the Exchange Motive." **Journal of Aging and Social Policy** 17(1):63–82.
54. Lee, J.Y., R.G. Rozier, E.C. Norton, and W.F. Vann, Jr. 2005. "Addressing Selection Bias in Dental Health Services Research." **Journal of Dental Research** 84(10):942–946.
55. Wasserman, M.R., D.E. Bender, S.-Y. Lee, J.P. Morrissey, T. Mouw, and E.C. Norton. 2006. "Social support among Latina immigrant women: Bridge persons as mediators of cervical cancer screening." **Journal of Immigrant and Minority Health** 8(1):67–84.
56. Konetzka, R.T., E.C. Norton, P.D. Sloane, K.E. Kilpatrick, and S.C. Stearns. 2006. "Medicare prospective payment and quality of care for long-stay nursing facility residents." **Medical Care** 44(3):270–276.
57. Kumar, V., E.C. Norton, and W. Encinosa. 2006. "OBRA 1987 and Quality of Nursing Home Care." **International Journal of Health Care Finance and Economics** 6(1):49–81.
58. Yang, Z., and E.C. Norton. 2006. "How Much Would a Medicare Prescription Drug Benefit Cost? Offsets in Medicare Part A Cost by Increased Drug Use" **Journal of Pharmaceutical Finance, Economics and Policy** 15(2):97–119.
59. Norton, E.C., J. Yoon, M.E. Domino, and J.P. Morrissey. 2006. "Transitions between the Public Mental Health System and Jail: A Markov Analysis." **Health Economics** 15(7):719–733
60. Norton, E.C. and C.H. Van Houtven. 2006. "Inter-vivos Transfers and Exchange." **Southern Economic Journal** 73(1):157–172.
61. Norton, E.C., H. Wang, and S.C. Stearns. 2006. "Behavioral implications of out-of-pocket health care expenditures." **Swiss Journal of Economics and Statistics** 142(Special Issue):3–11.



62. Van Houtven, C.H., and E.C. Norton. 2006. "Economic effects of informal care." **Swiss Journal of Economics and Statistics** 142(Special Issue):13–22.
63. Lakon, C.M., S.T. Ennett, and E.C. Norton. 2006. "Mechanisms through which Drug, Sex Partner, and Friendship Network Characteristics Relate to Risky Needle Use Among High Risk Youth and Young Adults." **Social Science & Medicine** 63(9):2489–2499.
64. Konetzka, R.T., S.C. Stearns, and E.C. Norton. 2006. "Medicare Payment Changes and Nursing Home Quality: Spillover Effects on Long-stay Residents." **International Journal of Health Care Finance and Economics** 6(3):173–189.
65. Stearns, S.C., E.C. Norton, and Z. Yang. 2007. "How age and disability affect long-term care expenditures in the United States." **Social Policy and Society** 6(3):367–378.
66. Wang, H., E.C. Norton, and R.G. Rozier. 2007. "Effects of the State Children's Health Insurance Program on Access to Dental Care and Use of Dental Services." **Health Services Research**. 42(4):1544–1563. PMID: PMC1955282.
67. Wiley-Exley, E.K., T.J. Mielenz, E.C. Norton, and L.F. Callahan. 2007. "Complementary and Alternative Medicine Use in Musculoskeletal Disorders: Does Medical Skepticism Matter?" **The Open Rheumatology Journal**. 1:5–11. PMID: PMC2581824.
68. Epstein, J.N., D. Rabiner, D.E. Johnson, D.P. FitzGerald, A. Chrisman, A. Erkanli, K.K. Sullivan, J.S. March, P. Margolis, E.C. Norton, and C.K. Conners. 2007. "Improving attention-deficit/hyperactivity disorder treatment outcomes through use of a collaborative consultation treatment service by community-based pediatricians: A cluster randomized trial." **Archives of Pediatrics and Adolescent Medicine** 61(9):835–840.
69. Kwong, W.J. and E.C. Norton. 2007. "The Effect of Advertising on Pharmaceutical Innovation." **Review of Industrial Organization** 31(3):221–236.
70. Van Houtven, C.H. and E.C. Norton. 2008. "Informal care and Medicare expenditures: Testing for heterogeneous treatment effects." **Journal of Health Economics** 27(1):134–156.
71. Domino, M.E., S.C. Stearns, E.C. Norton, and W. Yeh. 2008. "Why using current medications to select a Medicare Part D Plan may lead to higher out-of-pocket payments" **Medical Care Research and Review**. 65(1):114–126.
72. Weathers, A.C., S. Novak, N. Sastry, and E.C. Norton. 2008. "Parental nativity affects children's health and access to care." **Journal of Immigrant and Minority Health** 10(2):155–165.
73. Weathers, A.C., S. Novak, N. Sastry, and E.C. Norton. 2008. "Parental nativity is an important factor associated with where children usually go for health care." **Maternal and Child Health Journal** 12(4):499–508.

74. Norton, E.C., and E. Han. 2008. "Genetic Information, Obesity, and Labor Market Outcomes." **Health Economics** 17(9):1089–1104. PMID: PMC3852680.
75. Hanaoka, C. and E.C. Norton. 2008. "Informal and formal care for elderly persons: How adult children's characteristics affect the use of formal care in Japan." **Social Science & Medicine** 67(6):1002–1008.
76. Ai, C. and E.C. Norton. 2008. "A Semiparametric Derivative Estimator in Log Transformation Models." **The Econometrics Journal** 11(3):538–553.
77. Norton, E.C., W.H. Dow, and Y. Do. 2008. "Specification tests for the sample selection and two-part models." **Health Services and Outcomes Research Methodology** 8(4):201–208.
78. Kim, J., E.C. Norton, and S.C. Stearns. 2009. "Transportation Brokerage Services and Medicaid Beneficiaries' Access to Care." **Health Services Research** 44(1):145–161. PMID: PMC2669622.
79. Kleinman, L.C. and E.C. Norton. 2009. "What's the Risk? A simple approach for estimating adjusted risk ratios from nonlinear models including logistic regression." **Health Services Research** 44(1):288–302. PMID: PMC2669627.
80. Yang, Z., D.B. Gilleskie, and E.C. Norton. 2009. "Health Insurance, Medical Care, and Health Outcomes: A Model of Elderly Health Dynamics." **Journal of Human Resources** 44(1):47–114. A previous version appeared as "Prescription Drugs, Medical Care, and Health Outcomes: A Model of Elderly Health Dynamics." **NBER Working Paper** #10964.
81. Ng, S.W., E.C. Norton, and B.M. Popkin. 2009. "Why have physical activity levels declined among Chinese adults? Findings from the 1991–2006 China Health and Nutrition Surveys." **Social Science & Medicine** 68(7):1305–1314. PMID: PMC2731106.
82. Han, E., E.C. Norton, and S.C. Stearns. 2009. "Weight and wages: Fat versus lean paychecks" **Health Economics** 18(5):535–548.
83. Cawley, J., E. Han, and E.C. Norton. 2009. "Obesity and labor market outcomes among legal immigrants to the United States from developing countries." **Economics and Human Biology** 7(2):153–164.
84. Weaver, F.P., S.C. Stearns, E.C. Norton, and W. Spector. 2009. "Proximity to death and participation in the long-term care market." **Health Economics** 18(8):867–883. PMID: PMC3786420.
85. Werner, R.M., R.T. Konetzka, E.A. Stuart, E.C. Norton, D. Polsky, and J. Park. 2009. "Impact of public reporting on quality of postacute care." **Health Services Research** 44(4):1169–1187. PMID: PMC2739023

86. Balsa, A., M.T. French, J.C. Maclean, and E.C. Norton. 2009. "From pubs to scrubs: Alcohol misuse and health care use." **Health Services Research** 44(5):1480-1503. PMID: PMC2754544.
87. Ma, K.-Z. M., E.C. Norton, E. Tsai, and S.-Y. D. Lee. 2009. "Factors associated with tocolytic hospitalizations in Taiwan: Evidence from a population-based and longitudinal study from 1997 to 2004." **BMC Pregnancy and Childbirth** 9:59. PMID: PMC2806362.
88. French, M.T., E.C. Norton, H. Fang, and J.C. Maclean. 2010. "Alcohol consumption and body weight." **Health Economics** 19(7):814–832. PMID: PMC3082959.
89. Ma, K.-Z. M., E.C. Norton, and S.-Y. D. Lee. 2010. "Declining fertility and use of Cesarean delivery: Evidence from a population-based study in Taiwan" **Health Services Research** 45(5):1360–1375. PMID: PMC2965509.
90. Balsa, A., M.T. French, J. Homer, and E.C. Norton. 2011. "Alcohol use and popularity: social payoffs from conforming to peers' behavior." **Journal of Research on Adolescence** 21(3):559–568. PMID: PMC3158622.
91. Cawley, J., E. Han, and E.C. Norton. 2011. "The validity of genes related to neurotransmitters as instrumental variables." **Health Economics** 20(8):884–888.
92. Han, E., E.C. Norton, L. M. Powell. 2011. "Direct and indirect effects of body weight on adult wages" **Economics and Human Biology**. 9(4):381–392. A previous version appeared as NBER Working Paper #15027.
93. Ma, K.-Z. M., E.C. Norton, and S.-Y. D. Lee. 2011. "Mind the information gap: Fertility rate and use of Cesarean delivery and tocolytic hospitalizations in Taiwan." **Health Economics Review** 1(20):1–15. PMID: PMC2965509.
94. Werner, R.M., E.C. Norton, R.T. Konetzka, D. Polsky. 2012. "Do consumers respond to publicly reported quality information? Evidence from nursing homes." **Journal of Health Economics** 31(1):50–61.
95. Karaca-Mandic, P., E.C. Norton, B.E. Dowd. 2012. "Interaction terms in nonlinear models." **Health Services Research** 47(1):255–274. PMID: PMC3447245.
96. Ng, S.W., E.C. Norton, D.K. Guilkey, and B.M. Popkin. 2012. "Estimation of a dynamic model of weight." **Empirical Economics** 42(2):413–433. A previous version appeared as NBER Working Paper #15864.
97. Tan, H.J., E.C. Norton, Z. Ye, K.S. Hafez, J.L. Gore, D.C. Miller. 2012. "Long-term survival following partial vs radical nephrectomy among older patients with early-stage kidney cancer." **Journal of the American Medical Association** 307(15):1629–1635. PMID: PMC3864575.

98. Norton, E.C., M.M. Miller, J. Wang, K. Coyne, L.C. Kleinman. 2012. "Rank reversal in indirect comparisons." **Value in Health** 15(8):1137–1140. PMID: PMC3527821.
99. Yoon, J., M.E. Domino, E.C. Norton, G.S. Cuddeback, J.P. Morrissey. 2013. "The impact of changes in psychiatric bed supply on jail use by persons with severe mental illness" **Journal of Mental Health Policy and Economics** 16(2):81–92.
100. Hollingsworth, J.M., E.C. Norton, S.R. Kaufman, R.M. Smith, J.S. Wolf, Jr., B.K. Hollenbeck. 2013. "Expulsive therapy versus early stone-directed surgery for acute renal colic: An instrumental variable analysis." **Journal of Urology** 190(3):882–887.
101. Norton, E.C., M.M. Miller, L.C. Kleinman. 2013. "Computing adjusted risk ratios and risk differences in Stata" **Stata Journal** 13(3):492–509.
102. Dowd, B.E., W.H. Greene, E.C. Norton. 2014. "Computation of standard errors" **Health Services Research** 49(2):731–750. PMID: PMC3976195.
103. Norton, E.C., L. H. Nicholas, S.S.-H. Huang. 2014. "Informal care and inter-vivos transfers: Results from the National Longitudinal Study of Mature Women." **B.E. Journal of Economic Analysis & Policy** 14(2):377–400. A previous version appeared as **NBER Working paper #18948**. PMID: PMC4180599.
104. Norton, E.C., N.W. Carroll, M.M. Miller, K. Coyne, J.J. Wang, L.C. Kleinman. 2014. "Computing risk ratios from data with complex survey design." **Health Services & Outcomes Research Methodology** 14(1):3–14.
105. Chen, L.M., E.C. Norton, K.M. Langa, S. Le, A.M. Epstein. 2014. "Geographic variation in out-of-pocket expenditures by elderly Medicare beneficiaries." **Journal of the American Geriatrics Society** 62(6):1097–1104.
106. Abrokwah, S.O., C.M. Moser, and E. C. Norton. 2014. "The effect of social health insurance on prenatal care: The case of Ghana." **International Journal of Health Care Finance and Economics** 14(4):385–406.
107. Do, Y.K., E.C. Norton, S.C. Stearns, C.H. Van Houtven. 2015. "Informal care and caregiver's health" **Health Economics** 24(2):224–237. A previous version appeared as **NBER Working paper #19142**. PMID: PMC4201633.
108. Kim, H. and E.C. Norton. 2015. "Practice patterns among entrants and incumbents in the home health market after the Prospective Payment System was implemented." **Health Economics** 24(S1):118–131.
109. Belotti, F., P. Deb, W.G. Manning, E.C. Norton. 2015. "twopm: Two-part models." **Stata Journal** 15(1):3–20.

110. Jenkins, P.C., C.R. Richardson, E.C. Norton, C.R. Cooke, M. Banerjee, A.B. Nathens, M.R. Hemmila. 2015. "Trauma Surge Index: Advancing the measurement of trauma surges and their influence on mortality." **Journal of the American College of Surgeons** 221(3):729–738.
111. Kim, H. and E.C. Norton. 2015. "Effects of the ten percent cap in Medicare home health care on treatment intensity and patient discharge status." **Health Services Research** 50(5):1606–1627. PMID: PMC4600364.
112. Das, A., E.C. Norton, D.C. Miller, L.M. Chen. 2016. "Association of postdischarge spending and performance on new episode-based spending measure." **JAMA Internal Medicine** 176(1):117–119. PMID: PMC4701589.
113. Chen, L.M., E.C. Norton, J.D. Birkmeyer. 2016. "Comparing approaches to controlling Medicare spending." **Journal of Hospital Medicine** 11(3):215–216. PMID: PMC4779397.
114. Das, A., E.C. Norton, D.C. Miller, A.M. Ryan, J.D. Birkmeyer, L.M. Chen. 2016. "Adding a spending metric to Medicare's value-based purchasing program rewarded low-quality hospitals." **Health Affairs** 35(5):898–906. PMID: PMC4910877.
115. Greene, W.H., B.E. Dowd, E.C. Norton. 2016. "Response to 'Inference using sample means of parametric nonlinear data transformations'." **Health Services Research** 51(3):1114–1116. PMID: PMC4874813.
116. Herrel, L.A., E.C. Norton, S.R. Hawken, Z. Ye, B.K. Hollenbeck, D.C. Miller. 2016. "Early impact of Medicare Accountable Care Organizations on cancer surgery outcomes." **Cancer** 122(17):2739–2746. PMID: PMC4992435.
117. Rahman, M., E.C. Norton, D.C. Grabowski. 2016. "Do hospital-owned skilled nursing facilities provide better post-acute care quality?" **Journal of Health Economics** 50:36–46. A previous version appeared as **NBER Working paper** #22515. PMID: PMC5127756.
118. Rahman, M., D.C. Grabowski, V. Mor, E.C. Norton. 2016. "Is a skilled nursing facility's rehospitalization rate a valid quality measure?" **Health Services Research** 51(6):2158–2175. PMID: PMC5134219.
119. Abrokwah, S.O., C.M. Moser, E.C. Norton. 2016. "The impact of social health insurance on household fertility decisions." **Journal of African Economies** 25(5):699–717.
120. Chen, L.M., E.C. Norton, M. Banerjee, S.E. Regenbogen, A.H. Cain-Nielsen, J.D. Birkmeyer. 2017. "Spending On Care After Surgery Driven By Choice Of Care Setting Instead Of Intensity Of Services." **Health Affairs** 36(1):83–90. PMID: PMC5500192.
121. Sheetz, K.H., E.C. Norton, J.D. Birkmeyer, J.B. Dimick. 2017. "Provider experience and the comparative safety of laparoscopic and open colectomy." **Health Services Research** 52(1):56–73. PMID: PMC5264110.

122. Gilleskie, D.B., E. Han, and E.C. Norton. 2017. "Disentangling the contemporaneous and dynamic effects of human and health capital on wages over the life cycle." **Review of Economic Dynamics** 25:350–383.
123. Regenbogen, S.E., A. Cain-Nielsen, E.C. Norton, L.M. Chen, J.D. Birkmeyer, J.S. Skinner. 2017. "Costs and consequences of early hospital discharge after major inpatient surgery in older adults." **JAMA Surgery**. 152(5):e170123. PMID: PMC5478875.
124. Acharya, Y., E.C. Norton, and J.C. Lumeng. 2017. "The effect of financial compensation on willingness to supply a child's blood sample: A randomized controlled trial." **Evaluation & the Health Professions** 40(3):359–371.
125. Kim, H. and E.C. Norton. 2017. "How home health agencies' ownership affects practice patterns." **Fiscal Studies** 38(3):469–493.
126. Sheetz, K.H., E.C. Norton, S.E. Regenbogen, J.B. Dimick. 2017. "An instrumental variable analysis comparing Medicare expenditures for laparoscopic vs open colectomy." **JAMA Surgery** 152(10):921–929. PMID: PMC5710277.
127. Wu, H., S. Fukuma, S. Shimizu, E.C. Norton, Y. Tu, K. Hung, M. Chen, K. Chien, and S. Fukuhara. 2017. "Effects of higher quality of care on initiation of long-term dialysis in patients with CKD and diabetes." **American Journal of Kidney Disease** 70(5):666–674.
128. Kaye, D., E.C. Norton, C. Ellimootil, Z. Ye, J.M. Dupree, L.A. Herrel, D.C. Miller. 2017. "Understanding the relationship between the Centers for Medicare and Medicaid Services' Hospital Compare star rating, surgical case volume, and short-term outcomes after major cancer surgery." **Cancer**. 123(21):4259–4267. PMID: PMC5650526.
129. Guduguntla, V., J.D. Syrjamaki, C. Ellimootil, D.C. Miller, R.L. Prager, E.C. Norton, P. Theurer, D.S. Likosky, J.M. Dupree. 2018. "Drivers of payment variation in 90-day coronary artery bypass grafting episodes." **JAMA Surgery** 153(1):14–19. PMID: PMC5833620.
130. Levy, H.G., E.C. Norton, J.A. Smith. 2018. "Tobacco regulation and cost-benefit analysis: How should we value foregone consumer surplus?" **American Journal of Health Economics** 4(1):1–25. A previous version appeared as **NBER Working paper #22471**. PMID: PMC5796550.
131. Deb, P. and E.C. Norton. 2018. "Modeling health care expenditures and use." **Annual Review of Public Health** 39:489–505.
132. Borza, T., S.R. Kaufman, P. Yan, L.A. Herrel, A.N. Luckenbaugh, D.C. Miller, T.A. Skolarus, B.L. Jacobs, J.M. Hollingsworth, E.C. Norton, V.B. Shahinian, B.K. Hollenbeck. 2018. "Early effect of Medicare Shared Savings Program Accountable Care Organization participation on prostate cancer care." **Cancer** 124(3):563–570. PMID: PMC5781227.

133. Borza, T., M.K. Oerline, T.A. Skolarus, E.C. Norton, A.M. Ryan, C. Ellimoottil, J.B. Dimick, V.B. Shahinian, B.K. Hollenbeck. 2018. "Association of the Hospital Readmission Reduction Program with surgical readmissions." **JAMA Surgery** 153(3):243–250. PMCID: PMC5862720.
134. Kaye, D.R., H.S. Min, E.C. Norton, Z. Ye, J. Li, J.M. Dupree, C. Ellimootil, D.C. Miller, L.A. Herrel. 2018. "System-level health care integration and the costs of cancer care across the disease continuum." **Journal of Oncology Practice** 123(21):4259–4267. PMCID: PMC5847466.
135. Norton, E.C. and B.E. Dowd. 2018. "Log odds and the interpretation of logit models." **Health Services Research** 53(2):859–878. PMCID: PMC5867187.
136. Nathan, H., J.R. Thumma, E.C. Norton, J.B. Dimick. 2018. "Strategies for reducing population surgical costs in Medicare: Local referrals to low-cost hospitals." **Annals of Surgery** 267(5):878–885.
137. Luckenbaugh, A.N., B.K. Hollenbeck, S.R. Kaufman, P. Yan, L.A. Herrel, T.A. Skolarus, E.C. Norton, F.R. Schroeck, B.L. Jacobs, D.C. Miller, J.M. Hollingsworth, V.B. Shahinian, T. Borza. 2018. "Impact of Accountable Care Organizations on diagnostic testing for prostate cancer." **Urology** 116:68–74. PMCID: PMC5975111.
138. Norton, E.C., B.E. Dowd, M.L. Maciejewski. 2018. "Odds Ratios—Current Best Practice and Use." **Journal of the American Medical Association** 320(1):84–85.
139. Chen, L.M., Y. Acharya, E.C. Norton, M. Banerjee, J.D. Birkmeyer. "Readmission rates and skilled nursing facility utilization after major inpatient surgery. 2018. **Medical Care** 56(8):679–685. PMID29995694.
140. Norton, E.C. 2018. "Long-term care and pay-for-performance programs." **Review of Development Economics** 22(3):1005–1021.
141. Modi, P.K., S.R. Kaufman, T. Borza, P. Yan, D.C. Miller, T.A. Skolarus, J.M. Hollingsworth, E.C. Norton, V.B. Shahinian, B.K. Hollenbeck. 2018. "Variation in prostate cancer treatment and spending among Medicare Shared Savings Program Accountable Care Organizations." **Cancer** 124(16):3364–3371. PMCID: PMC6108926.
142. Norton, E.C., J. Li, A. Das, L.M. Chen. 2018. "Moneyball in Medicare." **Journal of Health Economics** 61:259–273. A previous version appeared as **NBER Working paper #22371**. PMCID: PMC5794630.
143. Norton, E.C., O. Nizalova, I. Murtazashvili. 2018. "Does past unemployment experience explain the transition happiness gap?" **Journal of Comparative Economics** 46(3):736–753, also published as **Journal of Comparative Economics** 46(4):1104–1121.

144. Konezka, R.T., K.B. Lasater, E.C. Norton, R.M. Werner. 2018. "Are recessions good for staffing in nursing homes?" **American Journal of Health Economics** 4(4):411–432. A previous version appeared as **NBER Working paper** #23402. PMID: PMC6328257.
145. VonAchen, P., R.A. Hayward, E.C. Norton, B. Denton, C. Ellimoottil. 2018. "The challenge of measuring surgeon spending for payment policies." **Annals of Surgery** 268(6): 903–907.
146. Markovitz, A.A., J.M. Hollingsworth, J.Z. Ayanian, E.C. Norton, N.M. Moloci, P.L. Yan, A.M. Ryan. 2019. "Risk adjustment in Medicare ACO program deters coding increases but may lead ACOs to drop high-risk beneficiaries." **Health Affairs** 38(2):253–261. PMID: PMC6394223.
147. Haymart, M.R., M. Banerjee, D. Reyes-Gastelum, E. Caoili, E.C. Norton. 2019. "Thyroid ultrasound and the increase in diagnosis of low-risk thyroid cancer." **Journal of Clinical Endocrinology & Metabolism** 104(3):785–792. PMID: PMC6456891.
148. Li, J. and E.C. Norton. 2019. "Pay-for-performance and long-term care." **Oxford Research Encyclopedia of Economics and Finance**. 1–31.
149. Norton, E.C., B.E. Dowd, M.L. Maciejewski. 2019. "Marginal effects—Quantifying the effect of changes in risk factors in logistic regression models." **Journal of the American Medical Association** 321(13):1304–1305.
150. Borza, T., M.K. Oerline, T.A. Skolarus, E.C. Norton, J.B. Dimick, B.L. Jacobs, L.A. Herrel, C. Ellimoottil, J.M. Hollingsworth, A.M. Ryan, D.C. Miller, V.B. Shahinian, B.K. Hollenbeck. 2019. "Association between hospital participation in Medicare Shared Savings Program Accountable Care Organizations and readmission following major surgery." **Annals of Surgery**. 269(5):873–878. PMID: PMC6146076.
151. Cawley, J., E. Han, J. Kim, E.C. Norton. 2019. "Testing for family influences on obesity: The role of genetic nurture." **Health Economics** 28(7):937–952.
152. Cornell, P.Y., D.C. Grabowski, E.C. Norton, M. Rahman. 2019. "Do report cards predict future quality? The case of skilled nursing facilities." **Journal of Health Economics** 66:208–221. PMID: PMC7248645. A previous version appeared as **NBER Working paper** #25940.
153. Markovitz, A.A., J.M. Hollingsworth, J.Z. Ayanian, E.C. Norton, P.L. Yan, A.M. Ryan. 2019. "Performance in the Medicare Shared Savings Program after accounting for non-random exit: An instrumental variable analysis." **Annals of Internal Medicine**. 171(1):27–37.
154. Regenbogen, S.E., A.H. Cain-Nielsen, J. Syrjamaki, L.M. Chen, E.C. Norton. 2019. "Spending on postacute care after hospitalization in commercial insurance and Medicare around age sixty-five." **Health Affairs** 38(9):1505–1513.



155. Dow, W.H., E.C. Norton, J.T. Donahoe. 2019. “Stata tip 134: Multiplicative and marginal interaction effects in nonlinear models.” **Stata Journal**. 19(4):1015–1020.
156. Donahoe, J.T., E.C. Norton, M.R. Elliot, A.R. Titus, L. Kalousova, N.L. Fleischer. 2019. “The Affordable Care Act Medicaid expansion and smoking cessation among low-income smokers.” **American Journal of Preventive Medicine** 57(6):e203–e210. PMID: PMC6924922.
157. Markovitz, A.A., M.D. Rozier, A.M. Ryan, S.D. Goold, J.Z. Ayanian, E.C. Norton, T.A. Peterson, J.M. Hollingsworth. 2020. “Low-value care and clinician engagement in a large Medicare Shared Savings Program ACO: A survey of frontline clinicians.” **Journal of General Internal Medicine** 35(1):133–141. PMID: PMC6957659.
158. Sheetz, K.H., E.C. Norton, J.B. Dimick, S.E. Regenbogen. 2020. “Perioperative outcomes and trends in the use of robotic colectomy for Medicare beneficiaries from 2010 through 2016.” **JAMA Surgery** 155(1):41–49. PMID: PMC6802268.
159. Vu, J.V.T., J. Li, D.S. Likosky, E.C. Norton, D.A. Campbell, Jr., S.E. Regenbogen. 2020. “Achieving the high-value colectomy: Preventing complications or improving efficiency.” **Diseases of the Colon and Rectum** 63(1):84–92. PMID: PMC6895391.
160. Ólafsdóttir, T., T.L. Ásgeirsdóttir, E.C. Norton. 2020. “Valuing pain using the subjective-wellbeing method.” **Economics and Human Biology** 37 Article number 100827. A previous version appeared as **NBER Working paper #23649**.
161. Fukuma, S., T. Ikenoue, S. Shimizu, E.C. Norton, R. Saran, M. Yanagita, G. Kato, T. Nakayama, S. Fukuhara. 2020. “Quality of care in chronic kidney disease and incidence of end-stage renal disease in older patients: A cohort study.” **Medical Care** 58(7):625–631.
162. Domino, M.E., E.C. Norton, J. Yoon, G.S. Cuddeback, J.P. Morrissey. 2020. “Putting providers at-risk through capitation or shared savings: How strong are incentives for upcoding and treatment changes?” **Journal of Mental Health Policy and Economics** 23(3):81–91.
163. Haymart, M.R., D. Reyes-Gastelum, E. Caoili, E.C. Norton, M. Banerjee. 2020. “The relationship between imaging and thyroid cancer diagnosis and survival.” **The Oncologist** 25(9):765–771. PMID: PMC7485355.
164. Pasquali, S.K., K. Chiswell, M. Hall, D. Thibault, J.C. Romano, J.W. Gaynor, D.M. Shahian, M.L. Jacobs, M.G. Gaies, S.M. O’Brien, E.C. Norton, K.D. Hill, P.A. Cowper, N.M. Pinto, S.S. Shah, J.E. Mayer, J.P. Jacobs. 2020. “Estimating resource utilization in congenital heart surgery.” **Annals of Thoracic Surgery** 110(3):962–968. PMID: PMC8237745.

165. Brescia, A.A., J.V. Vu, C. He, J. Li, S.D. Harrington, M.P. Thompson, E.C. Norton, S.E. Regenbogen, J.D. Syrjamaki, R.L. Prager, D.S. Likosky. 2020. "Determinants of value in coronary artery bypass grafting." **Circulation: Cardiovascular Quality and Outcomes** 13:1–10. PMID: 33176461. PMCID: PMC8041058.
166. Thompson, M.P., M.L. Yost, J.D. Syrjamaki, E.C. Norton, H. Nathan, P. Theurer, R.L. Prager, F.D. Pagani, D.S. Likosky. 2020. "Sources of hospital variation in postacute care spending after cardiac surgery." **Circulation: Cardiovascular Quality and Outcomes** 13:1–10. PMID: 33176467.
167. Bell, S.A., K. Klasa, T.J. Iwashyna, E.C. Norton, M.A. Davis. 2020. "Long-term healthcare provider availability following large-scale hurricanes: A difference-in-differences approach." **PLoS ONE** 15(11):1–13. PMCID: PMC7685502.
168. Dinan, M.A., L.E. Wilson, S.D. Reed, J.J. Griggs, E.C. Norton. 2020. "Association of 21-gene assay (OncotypeDX) testing and receipt of chemotherapy in the Medicare breast cancer patient population following initial adoption." **Clinical Breast Cancer** 20(6):487–494.
169. Fukuma, S., T. Ikenoue, J.L. Bragg-Gresham, E.C. Norton, Y. Yamada, D. Kohmoto, R. Saran. 2020. "Body mass index change and estimated glomerular filtration rate decline in a middle-aged population: health check-based cohort in Japan." **BMJ Open** 10:e037247.
170. Schuman, A.D., J.D. Syrjamaki, E.C. Norton, B.R. Hallstrom, R.E. Regenbogen. 2021. "Effect of statewide reduction in extended care facility use after joint replacement on hospital readmission." **Surgery** 169(2): 341–346. PMCID: PMC7854986.
171. Post, B., E.C. Norton, B. Hollenbeck, T. Buchmueller, A.M. Ryan. 2021 "Hospital-physician integration and Medicare's site-based outpatient payments." **Health Services Research** 56(1):7–15. PMCID: PMC7839648.
172. da Costa Jr., W.L., H.S.T. Cao, K.H. Sheetz, X.J. Gu, E.C. Norton, N.N. Massarweh. 2021. "Comparative effectiveness of neoadjuvant therapy and upfront resection for patients with resectable pancreatic adenocarcinoma: An instrumental variable analysis." **Annals of Surgical Oncology** 28(6):3186–3195.
173. Moloci, N.M., Y.J. Si, E.C. Norton, A.M. Ryan, J.M. Hollingsworth. 2021. "Predicting losses from Medicare shared savings program departures." **Journal of General Internal Medicine** 36(8):2490–2491. PMCID: PMC8342743.
174. Regenbogen, S.E., A.H. Cain-Nielsen, J.D. Syrjamaki, E.C. Norton. 2021. "Clinical and economic outcomes of enhance recovery dissemination in Michigan hospitals." **Annals of Surgery** 274(2): 199–205. PMCID: PMC8211908.
175. Papaleontiou, M., E.C. Norton, D. Reyes-Gastelum, M. Banerjee, M.R. Haymart. 2021. "Competing causes of death in older adults with thyroid cancer." **Thyroid** 31(9):1359–1365. PMCID: PMC8591088.

176. Choi, H., M. Heisler, E.C. Norton, K.M. Langa, T.-C. Cho, C.M. Connell. 2021. "Family care availability and implications for informal and formal care used by adults with dementia in the US." **Health Affairs** 40(9):1359–1367. PMID: PMC8647567.
177. Van Houtven, C.H., K. Miller, R. Gorges, H. Campbell, W. Dawson, J. McHugh, B. McGarry, R. Gilmartin, N. Boucher, B. Kaufman, L. Chisholm, S. Beltran, S. Fashaw, X. Wang, O. Reneau, A. Chun, J. Jacobs, K. Abrahamson, K. Unroe, C. Bishop, G. Arling, S. Kelly, R.M. Werner, R.T. Konetzka, and E.C. Norton. 2021. "State policy responses to COVID-19 in nursing homes." **Journal of Long-Term Care** pp. 264–282.
178. Nizalova, O., E.C. Norton. 2021. "Long-term effects of job loss on male health: BMI and health behaviors." **Economics and Human Biology** 43:1–13.
179. Kurita, N., M. Kinoshita, M. Fujimura, K. Kurosawa, Y. Sakuramachi, K. Takano, S. Okamura, M. Kitatani, S. Tsujii, E.C. Norton, Y. Hayashino. 2021. "Association of urinary C-megalin with albuminuria and renal function in diabetes: A cross-sectional study." **Journal of Nephrology** 35(1):201–210.
180. Norton, E.C., J. Li, A. Das, A.M. Ryan, L.M. Chen. 2022. "Medicare's Hospital Value-Based Purchasing program values quality over QALYs." **Medical Decision Making** 42(1):51–59. PMID: 34041964.
181. Pasquali, S.K., D. Thibault, M. Hall, K. Chiswell, J.C. Romano, J.W. Gaynor, D.M. Shahian, M.L. Jacobs, M.G. Gaies, S.M. O'Brien, E.C. Norton, K.D. Hill, P.A. Cowper, S.S. Shah, J.E. Mayer, J.P. Jacobs. 2021. "Evolving cost-quality relationship in pediatric heart surgery." **Annals of Thoracic Surgery** 113(3):866–873. PMID: 34116004.
182. Gibbons, J.B., C.H. Chang, M. Banerjee, J. Meddings, E.C. Norton, L. Chen, J.P.W. Bynum. 2022. "Small practice participation and performance in Medicare Accountable Care." **American Journal of Managed Care** 28(3):117–123.
183. Maciejewski, M.L., B.E. Dowd, E.C. Norton. 2022. "Instrumental variables and heterogeneous treatment effects." **Journal of the American Medical Association** 327(12):1177–1178.
184. Bakre, S. N. Moloci, E.C. Norton, V.A. Lewis, Y. Si, S. Lin, E.J. Lawton, L.A. Herrel, J.M. Hollingsworth. 2022. "Association between organizational quality and out-of-network primary care among Accountable Care Organizations that care for high vs low proportions of patients of racial and ethnic minority groups." **JAMA Health Forum** 3(4):e220575. PMID: PMC9012967.
185. De Roo, A.C., S.P. Shubeck, A.H. Cain-Nielsen, E.C. Norton, S.E. Regenbogen. 2022. "Cost consequences of age and comorbidity in accelerated postoperative discharge after colectomy." **Diseases of the Colon and Rectum** 65(5):758–766. PMID: PMC8994054.

186. Post, B., E.C. Norton, B.K. Hollenbeck, A.M. Ryan. 2022. "Hospital-physician integration and risk-coding intensity." **Health Economics** 31(7):1423–1437. PMID: PMC10280782.
187. Lei, L., E.C. Norton, J. Strominger, D.T. Maust. 2022. "Impact of spousal death on healthcare costs and use among Medicare beneficiaries: NHATS 2011–2017." **Journal of General Internal Medicine** 37(10):2514–2520. PMID: PMC9360304.
188. Howard, R., E.C. Norton, J. Yang, J. Thumma, D.E. Arterburn, A. Ryan, D. Telem, J.B. Dimick. 2022. "Association of insurance coverage with adoption of sleeve gastrectomy vs. gastric bypass for patients undergoing bariatric surgery." **JAMA Network Open** 5(8):e2225964. PMID: PMC9389353.
189. Norton, E.C. 2022. "The inverse hyperbolic sine transformation and retransformed marginal effects." **Stata Journal** 22(3):702–712. A previous version appeared as **NBER Working paper #29998**.
190. Gibbons, J.B., J.S. McCullough, K. Zivin, Z.Y. Brown, E.C. Norton. 2022. "Association between buprenorphine treatment gaps, opioid overdose, and health care s in US Medicare beneficiaries with opioid use disorder." **JAMA Psychiatry** 79(12):1173–1179. PMID: PMC9535497.
191. Gibbons, J.B., E.C. Norton, J.S. McCullough, D.O. Meltzer, J. Lavigne, V.C. Fiedler, R.D. Gibbons. 2022. "Association between vitamin D supplementation and COVID-19 infection and mortality." **Scientific Reports** 12:19397. PMID: PMC9653496.
192. Norton, E.C., E.J. Lawton, J. Li. 2023. "Moneyball in Medicare: Heterogeneous treatment effects." **American Journal of Health Economics** 9(1):96–126.
193. Hirth, R.A., Z.M. Levinson, N.B. Blattner, V.K. Dalton, A.S. Kelley, M. Lanham, M. Manning, E.C. Norton, H.G. Levy, J.M. Dupree. 2023. "Developing an adjunct services approach to identify the use of procedures not covered by health insurance: The case of in vitro fertilization." **Medical Care** 61(4):222–225.
194. Cawley, J., E. Han, J. Kim, E.C. Norton. 2023. "Genetic nurture in educational attainment." **Economics and Human Biology** 49:101239.
195. Meddings, J., J.B. Gibbons, B.K. Reale, M. Banerjee, E.C. Norton, J.P.W. Bynum. 2023. "The impact of nurse practitioner care and Accountable Care Organization assignment on skilled nursing services and hospital readmissions." **Medical Care** 61(6):341–348. PMID: PMC10175087.
196. Thompson, M.P., A.H. Cain-Nielsen, M.L. Yost Karslake, C.A. Pizzo, J.M. Yaser, J.D. Syrjamaki, H. Nathan, E.C. Norton, S.E. Regenbogen. "Hospital performance in a statewide commercial insurer episode-based incentive program." **American Journal of Managed Care** 29(8):e250–e256.

197. Baldursdottir, K., P. McNamee, E.C. Norton, T.L. Asgeirsdottir. 2023. "Life satisfaction and body mass index: Estimating the monetary value of achieving optimal body weight." **Review of Economics of the Household**. 21(4):1215–1246. PMID: PMC9873398.
198. Mullahy, J. and E.C. Norton. Early View 2023. "Why transform Y? The pitfalls of transformed regressions with mass at zero." **Oxford Bulletin of Economics and Statistics**.
199. Bynum, J.P.W., A. Montoya, E.J. Lawton, J.B. Gibbons, M. Banerjee, J. Meddings, E.C. Norton. 2024. "Accountable Care Organization attribution and post-acute skilled nursing facility outcomes for people living with dementia." **Journal of the American Medical Directors Association** 25:53–57.
200. Post, B., B.K. Hollenbeck, E.C. Norton, A.M. Ryan. 2024. "Hospital-physician integration and clinical volume in traditional Medicare." **Health Services Research** 59(1):e14172.
201. Hsuan, C., D.J. Vanness, A. Zembrowski, B.G. Carr, E.C. Norton, D.G. Buckler, Y. Wang, D.L. Leslie, E.F. Dunham, J.A. Rogowski. 2024. "Racial and ethnic disparities in emergency department transfers to public hospitals." **Health Services Research** 1–14.
202. Gibbons, J.B., J.S. McCullough, K. Zivin, Z.Y. Brown, E.C. Norton. 2024. "Racial and ethnic disparities in medication for opioid use disorder access, use, and treatment outcomes in Medicare." **Journal of Substance Use and Addiction Treatment** 157:1–8.
203. Kalata, S., J.R. Thumma, E.C. Norton, J.B. Dimick, K.H. Sheetz. Forthcoming 2024. "Comparative safety of robotic-assisted vs laparoscopic cholecystectomy." **JAMA Surgery** Published online September 20, 2023.
204. Choi, H., K.M. Langa, E.C. Norton, T.-C. Cho, C.M. Connell. Forthcoming 2024. "Changes in care use and financial status associated with dementia in older adults." **JAMA Internal Medicine** Published online October 16, 2023, doi:10.1001/jamainternmed.2023.5482.
205. Kalata, S., R.M. Reddy, E.C. Norton, M.J. Clark, C. He, T. Leyden, K.N. Adams, A.M. Popoff, S.C. Lall, K.H. Lagisetty. Forthcoming 2024. "Quality improvement mechanisms to improve lymph node staging for lung cancer: Trends from a statewide database." **Journal of Thoracic and Cardiovascular Surgery**.
206. Lenzen, S., B. Gannon, C. Rose, E.C. Norton. Forthcoming 2024. "The relationship between physical activity, cognitive function and health care use: A mediation analysis." **Social Science & Medicine** 335:116202.

**PUBLICATIONS: BOOK CHAPTERS (PEER REVIEWED)**

1. Norton, E.C. 1992. "Incentive Regulation of Nursing Homes: Specification Tests of the Markov Model." In **Topics in the Economics of Aging**, D.A. Wise, ed., pp. 275–303. Chicago, Illinois: The University of Chicago Press.
2. Morris, C.N., E.C. Norton, and X.H. Zhou. 1994. "Parametric Duration Analysis of Nursing Home Usage." In **Case Studies in Biometry**, N. Lange, L. Ryan, L. Billard, D. Brillinger, L. Conquest, and J. Greenhouse, eds., pp. 231–248. New York: John Wiley and Sons, Inc.
3. Dickey, B., E.C. Norton, S.T. Normand, H. Azeni, W. Fisher, F. Altaffer. 1995. "Massachusetts Medicaid Managed Health Care Reform: Treatment for the Psychiatrically Disabled." In **Advances in Health Economics and Health Services Research, Volume 15, Health Policy Reform and the States**, Richard M. Scheffler and Louis F. Rossiter, eds., pp. 99–117. Greenwich, CT: JAI Press, Inc.
4. Norton, E.C., R.F. Martin, and W.M. Wechsberg. 1998. "Threshold Analysis of AIDS Outreach and Intervention." In **Handbook of Economic Evaluation of HIV Prevention Programs**, D. Holtgrave, ed., 195–209. New York, NY: Plenum Press.
5. Norton, E.C. 2000. "Long-term Care." In **Handbook of Health Economics, Volume IB**, A.J. Culyer and J.P. Newhouse, eds, pp. 956–994. New York, NY: Elsevier Science B.V.
6. Norton, E.C. 2016. "Health and Long-Term Care." In **Handbook of the Economics of Population Aging, Volume 1B**, J. Piggot and A. Woodland, eds, pp. 951-989. New York, NY: Elsevier Science B.V.

#### **PUBLICATIONS: NON PEER REVIEWED**

##### **BOOKS**

Deb, P, E.C. Norton, and W.G. Manning. 2017. **Health Econometrics Using Stata**. College Station, TX: Stata Press.

##### **BOOK CHAPTERS**

Fukuhara, S., and E.C. Norton. 1993. "Nichibei Iriohi Kakusa no Bunseki." (In Japanese.) pp. 329-252. In **U.S.-Japan Comparative Health Care Systems: Quantitative Approaches, Vol. 2** NIRA Research Report No. 930029. Tokyo, Japan: National Institute for Research Advancement.

Dickey, B., E.C. Norton, S.T. Normand, W. Fisher, and H. Azeni. 1998. "Managed Mental Health Experience in Massachusetts." In **Managed Behavioral Health Care: Current Realities and Future Potential**. David Mechanic, Editor. New Directions for Mental Health Services Series. San Francisco: Jossey-Bass, Inc. 78:115–122.

Norton, E.C. and S.C. Stearns. 2006. "Logistic Regression." Chapter 10, pp. 105–113. In **Methods and Designs for Outcomes Research**, E.C. Chumney and K.N. Simpson, eds. American Society for Health-Systems Pharmacists.

- Grabowski, D.C. and E.C. Norton. 2006. "Nursing home quality of care." Chapter 28, pp. 296–305. In **Elgar Companion to Health Economics**, A.M. Jones, ed. Northampton, MA: Edward Elgar.
- Norton, E.C. and S.C. Stearns. 2009. "Health Care Expenditures." Chapter 28. In **International Handbook of Population Aging**, P. Uhlenberg, ed. Springer.
- Grabowski, D.C. and E.C. Norton. 2012. "Nursing home quality of care." Chapter 29, pp. 307–317. In **The Elgar Companion to Health Economics, Second Edition**, A.M. Jones, ed. Northampton, MA: Edward Elgar.
- Grabowski, D.C. E.C. Norton, and C.H. Van Houtven. 2012. "Informal care." Chapter 30, pp. 318–328. In **The Elgar Companion to Health Economics, Second Edition**, A.M. Jones, ed. Northampton, MA: Edward Elgar.
- Norton, E.C. 2016. "The economic challenges of the Community Living Assistance Services and Supports Act." **The Economics of Health**, WE Upjohn Institute.

#### **BOOK REVIEWS**

- Norton, E.C. 1994. "The Economics of Aging—Schulz, J.H." **Journal of the American Geriatrics Society** 42(5):574-575.
- Norton, E.C. 2011. "Modeling ordered choices: A primer, William H. Greene, David A. Hensher, Cambridge University Press (2010)" **International Review of Economics and Finance** 20(4):850–851.
- Norton, E.C. 2017. "Long-term care reforms in OECD countries." **Journal of Pension Economics and Finance** 16(2): 266–267.

#### **NBER AND OTHER WORKING PAPERS**

- Yang, Z., D.B. Gilleskie, and E.C. Norton. 2004. "Prescription Drugs, Medical Care, and Health Outcomes: A Model of Elderly Health Dynamics." **NBER Working Paper** #10964.
- Han, E., E.C. Norton, L. M. Powell. 2009. "Direct and Indirect Effects of Teenage Body Weight on Adult Wages" **NBER Working Paper** #15027.
- Ng, S.W., E.C. Norton, D.K. Guilkey, and B.M. Popkin. 2010. "Estimation of a Dynamic Model of Weight." **NBER Working Paper** #15864.
- Norton, E.C. 2012. "Log Odds and Ends." **NBER Working Paper** # 18252.
- Norton, E.C., L.H. Nicholas, S.S.-H. Huang. 2013. "Informal care and inter-vivos transfers: Results from the National Longitudinal Survey of Mature Women." **NBER Working Paper** #18948.
- Do, Y.K., E.C. Norton, S.C. Stearns, C.H. Van Houtven. 2013. "Informal care and caregiver's health" **NBER Working Paper** #19142.
- Norton, E.C., J. Kim, A. Das, L.M. Chen. 2016. "Moneyball in Medicare" **NBER Working Paper** #22371.
- Gilleskie, D.B., E. Han, and E.C. Norton. 2016. "Disentangling the Contemporaneous and Dynamic Effects of Human and Health Capital on Wages Over the Life Cycle." **NBER Working Paper** #22430.
- Levy, H., E.C. Norton, J.A. Smith. 2016. "Tobacco Regulation and Cost-Benefit Analysis: How Should We Value Foregone Consumer Surplus?" **NBER Working Paper** #22471.

- Rahman, M., E.C. Norton, D.C. Grabowski. 2016. “Do hospital-owned skilled nursing facilities provide better post-acute care quality?” **NBER Working Paper #22515**.
- Norton, E.C. 2017. “Long-term care and pay-for-performance programs.” **ADBI Working Paper 680**. Tokyo: Asian Development Bank Institute.
- Nizalova, O., E.C. Norton. 2017 “Long-run effects of severe economic recessions on male BMI trajectories and health behaviors.” **IZA Discussion Paper #10776**.
- Konetzka, R.T., K.B. Lasater, E.C. Norton, R.M. Werner. 2017. “Are recessions good for staffing in nursing homes?” **NBER Working Paper #23402**.
- Ólafsdóttir, T., T.L. Ásgeirsdóttir, E.C. Norton. 2017. “Valuing pain using the subjective-wellbeing method.” **NBER Working Paper #23649**.
- Cawley, J., E. Han, J. Kim, E.C. Norton. 2017. “Testing for peer effects using genetic data.” **NBER Working Paper #23719**.
- Cornell, P.Y., D.C. Grabowski, E.C. Norton, M. Rahman. 2019. “Do report cards predict future quality? The case of skilled nursing facilities.” **NBER Working Paper #25940**.
- Cawley, J., E. Han, J. Kim, E.C. Norton. 2020. “Sibling correlation in educational attainment: A test of genetic nature.” **NBER Working Paper #27336**.
- Norton, E.C., E.J. Lawton, J. Li. 2020. “Moneyball in Medicare: Heterogeneous treatment effects.” **NBER Working Paper #27948**.
- Buason, A., E.C. Norton, P. McNamee, E.B. Thordardottir, T.L. Asgeirsdottir. 2021. “The causal effect of depression and anxiety on life satisfaction: An instrumental variables approach.” **NBER Working Paper #28575**.
- Baldursdottir, K., P. McNamee, E.C. Norton, T.L. Asgeirsdottir. 2021. “Life satisfaction and body mass index: Estimating the monetary value of achieving optimal body weight.” **NBER Working Paper #28791**.
- Norton, E.C. 2022. “The inverse hyperbolic sine transformation and retransformed marginal effects.” **NBER Working Paper #29998**.
- Mullahy J. and E.C. Norton. 2022. “Why transform Y? A critical assessment of dependent-variable transformations in regression models for skewed and sometimes-zero outcomes.” **NBER Working Paper #30735**.

#### LETTERS TO THE EDITOR

- Norton, E.C., Z. Yang, and S.C. Stearns. 2004. “Authors’ Response to Letter to the Editor” **Journal of Gerontology: Social Sciences** 59B(3):S197.
- Norton, E.C., M.M. Miller, J. Wang, K. Coyne, L.C. Kleinman. 2013. “Response about Rank Reversal.” **Value in Health** 16(2):451–452.
- Norton, E.C., B.E. Dowd, and M.L. Maciejewski. 2018. “Odds Ratios vs Risk Ratios In Reply.” **JAMA** 320(19):2041–2042.

#### CONFERENCE PROCEEDINGS

- Miller, M.M., E.C. Norton, K. Coyne, J. Wang, L.C. Kleinman. Besting the Odds: Optimal Reporting of Logistic Regression. *Proceedings of the 2012 Federal Conference on Statistical Methodology*. [http://www.fcsm.gov/12papers/Miller\\_2012FCSM\\_IX-A.pdf](http://www.fcsm.gov/12papers/Miller_2012FCSM_IX-A.pdf). (accessed July 11, 2012).



## ABSTRACTS

- Lee, J.Y., R.G. Rozier, W.F. Vann, E.C. Norton. 2002. "Controlling for the endogeneity of WIC on dental services use." **Journal of Dental Research** 81:1652.
- Kleinman, L.C., E.C. Norton. 2004. "Besting the odds: A novel method for accurately estimating risks, risk differences, and risk ratios adjusted for confounding." **Pediatric Research** 55(4):165A-165A 934, Part 2.
- Kwong, W.J., E.C. Norton. 2005. "Advertising in response to new product entry: An examination of the strategic role of pharmaceutical advertising on market competition." **Value in Health** 8(3):287.
- Dupree, J. R.L. Dunn, P. Yan, D. Suh, E. Marsh, E.C. Norton, V. Dalton, M.S. Weiss. 2023. "Impact of state in-vitro fertilization mandates on male infertility care." **Journal of Urology** 209(4S):e507.

## TEACHING NOTES

- Norton, E.C. 2000. "HPAA 273 Class Notes: Linear Regression Models." University of North Carolina at Chapel Hill.
- Norton, E.C. 2002. "HPAA 271 Class Notes: Study Design and Regression Analysis." University of North Carolina at Chapel Hill.
- Norton, E.C. 2007. "HPAA 883 Class Notes: Categorical Data Analysis." University of North Carolina at Chapel Hill.
- Norton, E.C. 2020. "HMP 826 Class Notes: Applied Econometrics in Health Services Research." University of Michigan.

## OTHER

- Norton, E.C. 2013. "nursing homes." The New Palgrave Dictionary of Economics. Online Edition. Eds. Steven N. Durlauf and Lawrence E. Blume. Palgrave Macmillan. The New Palgrave Dictionary of Economics Online. Palgrave Macmillan. 07 October 2013  
[http://www.dictionaryofeconomics.com/article?id=pde2013\\_N000174](http://www.dictionaryofeconomics.com/article?id=pde2013_N000174).
- Costa-Font, J., E.C. Norton, L. Siciliani. 2017. "The challenges of public financing and organisation of long-term care." **Fiscal Studies** 38(3):365–368.

## RESEARCH PRESENTATIONS AT SEMINARS AND CONFERENCES

### KEYNOTE SPEAKER: NATIONAL CONFERENCES

- CDC's Prevention Effectiveness Fellowship Conference, Atlanta, Ga. (2004)
- Aging Asia: Economic and Social Implications of Rapid Demographic Change in China, Japan, and Korea, Stanford University (2009)
- Purdue Student Pugwash Midwest Regional Conference, Purdue University (2009)

### KEYNOTE SPEAKER: INTERNATIONAL CONFERENCES

- Zentrum für Europäische Wirtschaftsforschung, European Conference on Long-term Care, Mannheim, Germany (2005)
- International Conference on Evidence-based Policy in Long-term Care, London, U.K. (2010)

Korean Medical Association, International Symposium celebrating the 10<sup>th</sup> Anniversary of the Research Institute for Healthcare Policy, Seoul, South Korea (2014)  
Health Insurance Review and Assessment Service, International Symposium, Seoul, South Korea (2014)  
Swedish Health Economics Association Conference, Lund, Sweden (2014)  
Spanish Health Economics Association Conference, Granada, Spain (2015)  
Third Annual Healthwise Conference, University of Groningen, Netherlands (2015)  
Canadian Health Economics Study Group, Banff, Canada (2019)  
Japan Society for Clinical Epidemiology, Fukuoka, Japan (2019)  
IZA, Conference on Long-term Care, Bonn, Germany (2020 cancelled due to COVID-19)  
IZA, Conference on Long-term Care, Bonn, Germany (2022)

**SEMINARS: NATIONAL**

Ann Arbor Statistical Association (2019)  
Brown University (1992)  
Centers for Disease Control and Prevention (2004)  
Central Michigan University (2009)  
Cornell University (2018)  
Duke University (1994, 1996, 2004, 2007)  
Emory (2023)  
Harvard University (1992, 2001, 2006, 2018)  
HERC (Health Economics Resource Center) VA (2020, 2021)  
Johns Hopkins University (2013)  
Lehigh (2020 canceled due to COVID-19)  
Long-term Care Network (2023)  
Medical University of South Carolina (2003)  
M.I.T. (1989)  
Oakland University (2009, 2020)  
Penn State University (2015, 2022)  
RAND Corporation (2005, 2017)  
Syracuse University (2005)  
Triangle Health Economics Workshop (1995, 1997, 2004, 2006)  
Tulane University (2018)  
University of Alabama at Birmingham (2002, 2011)  
University of Chicago (1997, 2006)  
University of Florida (1995)  
University of Illinois at Chicago (2007)  
University of Miami at Ohio (2011)  
University of Michigan SPH (2005 twice; 2006; 2009)  
University of Michigan ISR (2009)  
University of Michigan Medical School (2011 twice, 2015, 2022 twice, 2023)  
University of Minnesota (2009)  
University of North Carolina at Chapel Hill (1996 twice, 1997 twice, 2000, 2002, 2003, 2004 twice, 2007 four times, 2008)  
University of Rochester (1992, 2013)  
University of South Florida (2011)

University of Southern California (2009)  
University of Tennessee at Knoxville (2014)  
University of Virginia (1995)  
Virginia Commonwealth University (2004)  
Wayne State University (2008; 2020 canceled due to COVID-19; 2021)  
Western Michigan University (2012)  
Yale University (2005)

**SEMINARS: INTERNATIONAL**

Chang Gung University, Taipei, Taiwan (1999)  
Hannover University, Germany (2005)  
Imperial College Business School, England (2010)  
Kansai University (2016)  
Kyoto University, Japan (2015 twice, 2016, 2018)  
Leeds University, England (2011, 2015)  
London School of Economics, England (2002, 2015, 2018, 2022)  
National University of Singapore (2011)  
Peking University, Beijing, China (2006)  
Research Institute of Economy, Trade, and Industry, Tokyo, Japan (2006)  
Seoul National University, Korea (2014, 2015)  
Sogang University, Korea (2015)  
Tilburg University, Netherlands (2008)  
University of Aberdeen, Scotland (2001)  
University of Melbourne, Australia (2019)  
University of Queensland, Australia (2019)  
University of Tokyo, Japan (2014, 2017)

**CONFERENCES: NATIONAL**

AcademyHealth Annual Meeting (1994, 1995 [2 papers], 1996 [2 papers], 2003 invited speaker; 2004 invited speaker; 2009 invited speaker)  
American Economics Association Annual Meeting (2000, 2001, 2008, 2009)  
American Society of Health Economists (2006 Madison, WI [pre-conference session, paper]; 2008 Durham, NC [preconference session, two papers]); 2010 Ithaca, NY [preconference session, one paper]; 2012 Minneapolis, MN [preconference session, one paper]; 2014 Los Angeles, CA [preconference session, one paper]; 2016 Philadelphia [one paper]; 2018 Atlanta [two papers]; 2019 Washington, DC [one paper]; 2023 St. Louis, MO [one paper])  
AHEAD Early Results Workshop, Ann Arbor (1994)  
Annual Health Economics Conference (1998, 2004, 2016)  
American Public Health Association Annual Meeting (1995, 2000, 2006)  
Center for Substance Abuse Prevention Conference (1995)  
Dartmouth/P01 Research Group (2016)  
Gerontological Society of America Annual Meeting (1996)  
Handbook of Health Economics Conference, University of Chicago (1998)  
Midwest Health Economics Conference, University of Minnesota (2017)  
Midwest Econometrics Group, Michigan State University (2022)

National Association of State Mental Health Program Directors' Seventh National Conference on State Mental Health Agency Services Research Program Evaluation and Policy (1997 [2 papers])  
NBER Conference on the Economics of Aging (1990)  
NBER Health Economics Program meeting (2017)  
NBER Summer Institute (1992, 1993, 1995, 2009, 2017)  
NIDA Conference on AIDS and Drug Abuse (1995)  
NIMH Biennial Conference on the Economics of Mental Health (1996, 1998, 2002)  
RAND Summer Institute on Aging (2000 invited speaker)  
Southeastern Health Economics Study Group (2006)  
Southern Economics Association Annual Meeting (1997)  
Stanley Cohn Conference on the Economics of Health and Aging (1999)  
Triangle Econometrics Conference (1998)  
Western Economics Association Annual Meeting (2000, 2002 [2 papers])  
Willard Manning Memorial Conference, University of Chicago (2016)

**CONFERENCES: INTERNATIONAL**

ADBI-ADI Workshop on Aging in Asia, Kitakyusu City, Japan (2016)  
Annual Health Econometrics Workshop (2022)  
Asian Workshop on Econometrics and Health Econometrics, Miyagi, Japan (2022)  
Economics of Long-term Care, Brocher Foundation, Geneva, Switzerland (2013)  
Economics of Population Health, Handbook of Economics of Population Health, Boston, MA (2013)  
European Conference on Health Economics, Stockholm, Sweden (1995)  
European Workshop on Econometrics and Health Economics (1997 Lisbon, Portugal; 1998 Helsinki, Finland; 1999 Catania, Italy; 2004 Venafro, Italy; 2006, Thessaloniki, Greece; 2007 Bergen, Norway; 2011 York, England; 2018 Groningen, Netherlands)  
Health Econometrics Workshop, Rome, Italy (2010)  
Icelandic Health Economics Conference, Reykjavik, Iceland (2022)  
International Association of Applied Econometrics, Sapporo, Japan (2017)  
International Congress on Law and Mental Health, Paris, France (1998)  
International Health Economics Association World Congress: 1999 Rotterdam, the Netherlands [pre-conference session, 1 paper]; 2001 York, England [2 papers]; 2003 San Francisco [pre-conference session, 3 papers]; 2005 Barcelona, Spain [2 pre-conference sessions, 3 papers]; 2007 Copenhagen, Denmark [1 paper]; 2011 Toronto, Canada [pre-conference session, 1 paper] ; 2013 Sydney, Australia [pre-conference session]; 2015 Milan, Italy [pre-conference session, 1 paper]  
International Long Term Care Policy Network, Vienna, Austria (2018)  
Japan Center for Economic Research, Tokyo, Japan (1992)  
London School of Economics, Economics of Integration in Health (2016)  
McMaster University Centre for Health Economics and Policy Analysis' 10th Annual Health Policy Conference, Hamilton, Canada (1997)  
Nordic Health Economics Study Group, Reykjavik, Iceland (2019)  
Taipei International Conference on Health Economics, Academia Sinica, Taiwan (1999)

## **DISSCUSSANT AT CONFERENCES**

ADBI-ADI Workshop on Aging in Asia, Kitakyusu City, Japan (2016)  
American Economic Association Meetings (1990, 1992, 2006, 2018)  
Annual Health Econometrics Workshop (2009, 2012, 2016)  
American Public Health Association Meetings (1993)  
American Society of Health Economists (2006, 2008 three times, 2010 three times, 2012 two times, 2014 two times, 2016, 2018 four times, 2019 three times, 2023 two times)  
Annual Health Economics Conference (1991, 2000, 2006)  
Design and Evaluation of Long-term Care Policies, Montreal, Canada (2016)  
Economics of Ageing Workshop, Brisbane, Australia (2019)  
European Conference on Health Economics, Stockholm, Sweden (1995)  
European Workshop on Econometrics and Health Economics (1999 Catania, Italy; 2000 Amsterdam, Netherlands; 2001 London, England; 2002 Lund, Sweden; 2008 Coimbra, Portugal; 2012 Lund, Sweden)  
Handbook of Health Economics Conference, University of Chicago (1998 twice)  
International Health Economics Association World Congress (2007 Copenhagen, Denmark [4 papers]; 2011 Toronto, Canada [1 paper])  
NBER Conference on the Economics of Aging, Caneel Bay, Virgin Islands (1992 reviewed conference volume)  
Nordic Health Economics Study Group, Reykjavik, Iceland (2019)  
Southern Economics Association Annual Meetings (1997)  
Taipei International Conference on Health Economics, Academia Sinica, Taiwan (1999)  
Veteran's Administration Conference on Health Economics (1992)  
Western Economics Association Annual Meeting (2000, 2002 twice)

## **SPONSORED RESEARCH (PI AND CO-INVESTIGATOR ONLY)**

Role: Co-Investigator (C. Morris, PI)  
Title: Nursing Home Policy via Hierarchical Duration Models (R01-HS07306)  
Source: Agency for Health Care Policy and Research  
Dates: 1992–1994  
Amount: \$268,997 (total)

Role: Co-Investigator (J. Thorne, PI)  
Title: Project BEGIN  
Source: Centers for Disease Control and Prevention  
Dates: 1994–1996 (Entire project was originally scheduled to be 1994–2002)  
Amount: (Entire project was originally scheduled to be \$24,325,000)

Role: Co-Investigator (S. Ennett, PI)  
Title: A Process and Outcome Evaluation of Project DARE (R01-DA07037)  
Source: National Institute of Drug Abuse  
Dates: 1994–1997  
Amount: (Entire project was 1990–1997, \$1,086,000 in total costs.)

Role: Principal Investigator (C. Bradley was PI from 1992–1994)  
Title: Cost Analysis of Inpatient Care Provided to Drug Users (R01-DA7494)  
Source: National Institute of Drug Abuse  
Dates: 1994–1995  
Amount: \$194,513 (total for entire project 1992–1995)

Role: Co-Investigator (L. Wood, PI)  
Title: Pneumocystis Carinii Pneumonia (PCP) Treatment Simulation Model  
Source: Burroughs Wellcome  
Dates: 1993–1995  
Amount: \$86,022 (funded amount)

Role: Co-Investigator (B. Dickey, PI)  
Title: Mental Health Services Cost and Outcomes (R01-MH46522)  
Source: National Institute of Mental Health  
Dates: 1994–1997  
Amount: \$612,000

Role: Co-Investigator (W. Wechsberg, PI)  
Title: North Carolina Cooperative Agreement to do AIDS Outreach to Drug Users (U01-DA08007)  
Source: National Institute on Drug Abuse  
Dates: 1994–1996. (Entire project is 1994–1999, I left RTI in 1996)  
Amount: \$503,000 per year

Role: Co-Investigator (A. Pepitone, PI)  
Title: Medicare, Medicaid, and Managed Care Analysis  
Source: Center for Mental Health Services  
Dates: 1995–1996 (Entire project is 1995–1999, I left RTI in 1996)  
Amount: \$1,900,000 (annual direct)

Role: Principal Investigator  
Title: Economics of Spend-down to Medicaid (R01-HS09515)  
Sources: Agency for Health Care Policy and Research, National Institute on Aging  
Dates: 1996–1998  
Amount: \$397,000 (total) \$268,000 (direct)

Role: Co-Investigator (B. Dickey, PI)  
Title: Outcomes of Medicaid Managed Care (R01-MH54076)  
Source: National Institute of Mental Health  
Dates: 1997–2001  
Amount: \$2,463,000 (total) \$1,200,000 (direct)

Role: Principal Investigator

Title: Hierarchical Modelling and Economic Conferences  
Source: Junior Faculty Development Award, UNC at Chapel Hill  
Dates: 1998  
Amount: \$5,000 (total)

Role: Principal Investigator  
Title: Informal Care and Elderly Mothers' Health  
Source: School of Medicine, University of North Carolina at Chapel Hill  
Dates: 1998–1999  
Amount: \$10,000 (total)

Role: Principal Investigator  
Title: Informal Care and Elderly Health (R03-AG16558)  
Source: National Institute on Aging  
Dates: 1998–1999  
Amount: \$70,000 (total) \$50,000 (direct)

Role: Principal Investigator  
Title: University Faculty Research Grant  
Source: University Research Council of UNC  
Dates: 1999–2001  
Amount: \$3,360 (total) \$3,360 (direct)

Role: Principal Investigator  
Title: Longevity and Elderly Health Care Expenditures (R01-AG16600)  
Source: National Institute on Aging  
Dates: 2000–2002  
Amount: \$270,000 (total) \$190,000 (direct)

Role: Associate Director (D. Blau, PI)  
Title: Demography and Economics of Aging and the Life Course  
(K07 AG01015)  
Source: National Institute on Aging  
Dates: 2000–2005  
Amount: \$540,000 (total) \$500,000 (direct)

Role: Co-Project Director (M. Flynn, PI)  
Title: Occupational Safety and Health Training Grant (T42 CCT410423)  
Source: National Institute on Occupational Safety and Health  
Dates: 2000–2004  
Amount: \$1,500,658 (total)

Role: Co-Investigator (J. Morrissey, PI)  
Title: Medicaid Capitation: Cost Shifting & Multisystem Use (R01 MH63883)  
Source: National Institute of Mental Health  
Dates: 2002–2006

Amount: \$2,000,763 (total) \$1,438,090 (direct)

Role: Investigator (Paul Godley, PI)  
Title: UNC-CH Shaw: Partnership for Health Disparity Research (1-P60 MD000244-01)  
Source: National Center for Health Disparities and Minority Health  
Dates: 2002–2007  
Amount: \$3,650,000 (total) \$2,552,932 (direct)

Role: Co-Investigator (C. Van Houtven, PI)  
Title: Informal Care and Medicare Expenditures (R03 AG21485)  
Source: National Institute on Aging  
Dates: 2002-2004  
Amount: \$72,000 (total) \$50,000 (direct)

Role: Core Faculty (B. Mark, PI)  
Title: Research Training: Health Care Quality and Patient Outcomes (T32NR08856)  
Source: National Institute on Nursing Research  
Dates: 9/30/2004 - 7/31/2009  
Amount: \$1,522,928 (total)

Role: 2004-2007: Associate Director (D. Blau, PI)  
2007-2008: Director  
Title: Demography and Economics of Aging and the Life Course (P30 AG04001)  
Source: National Institute on Aging  
Dates: 7/1/2004 - 6/30/2007  
Amount: \$172,603 (direct); \$1,000,000 (total)

Role: Principal Investigator  
Title: Effect of NEMT Brokerage Services on Expenditures and Medical Services  
Source: LogistiCare Foundation  
Dates: 01/01/05 – 06/30/06  
Amount: \$68,400 (direct), \$85,500 (total)

Role: Co-Investigator (A. Weathers, PI)  
Title: Health Access for Children of Immigrants (R40 MC05470)  
Source: Health Resources Services Administration  
Dates: 09/01/2005 – 08/31/2007  
Amount: \$136,358 (direct)

Role: Principal Investigator  
Title: Second Biennial ASHEcon Conference (R13 DA024901)  
Source: National Institute on Drug Abuse



Dates: 06/01/2008 – 05/31/2009  
Amount: \$25,000 (total)

Role: Associate Director (P. Lantz, PI)  
Title: RWJF Scholars in Health Policy Research Program  
Source: Robert Wood Johnson Foundation  
Dates: 08/01/2006 – 07/31/2011  
Amount: \$1,200,000 (total)

Role: Co-Principal Investigator (L. Kleinman, PI)  
Title: Improving Implementation and QI Research with Regression Risk Analysis (R18 HS018032)  
Source: Agency for Healthcare Research and Quality  
Dates: 04/01/2010 – 03/31/2012

Role: Principal Investigator, Director  
Title: RWJF Scholars in Health Policy Research Program  
Source: Robert Wood Johnson Foundation  
Dates: 08/01/2010 – 07/31/2013

Role: Subcontract PI (Kleinman, PI)  
Title: Mount Sinai Institutes of Clinical and Translational Sciences (3-UL1-RR-029887-03)  
Source: NIH: National Center for Research Resources  
Dates: 05/05/2011 – 03/31/2012

Role: Principal Investigator  
Title: Improving Cost-Benefit Analysis of Tobacco Regulation (5R03CA182990)  
Source: NIH  
Dates: 09/12/2013 – 08/31/2015

Role: Co-Investigator (Hollenbeck, PI)  
Title: Accountable care organizations and the diffusion of new surgical procedures  
Source: NIH  
Dates: 2015–2020

Role: Co-Investigator (Pasquali, PI)  
Title: Understanding Quality and Costs in Congenital Heart Surgery  
Source: NIH  
Dates: 2014–2020

Role: Co-Investigator (Haymart, PI)  
Title: Imaging practices and overdiagnosis of thyroid cancer

Source: Agency for Healthcare Research and Quality  
Dates: 2016–2020

Role: Co-Investigator (Dimick, PI)  
Title: Evaluating policies for improving surgical care in the elderly  
Source: NIH  
Dates: 2016–2020

Role: Principal Investigator  
Title: Effect of Concealed Carry Laws on Firearm Injury  
Source: NCGVR  
Dates: 2019–2021

Role: Co-Investigator (Hollingsworth, PI)  
Title: Will the Reach of ACOs Extend to Specialty Care?  
Source: Agency for Healthcare Research and Quality  
Dates: 2016–2021

Role: Co-Investigator (Bynum, PI)  
Title: Effects of accountable care organizations on post-acute care  
Source: Agency for Healthcare Research and Quality  
Dates: 2016–2022

Role: Co-Investigator (Nathan, PI)  
Title: MVC Michigan Value Collaborative (U067741)  
Source: Blue Cross Blue Shield of Michigan  
Dates: 2013–2023

Role: Co-Investigator (Hirth, PI)  
Title: Health Services Research Training  
Source: Agency for Healthcare Research and Quality  
Dates: 2018–2023

Role: Co-Investigator (Bynum, PI)  
Title: Center to Accelerate Population Research in Alzheimer’s (CAPRA)  
Source: NHHS/NIH  
Dates: 2020–2025

Role: Co-Investigator (Hollingsworth, PI)  
Title: Real-world effectiveness of preventive pharmacological therapy for patients with kidney stones  
Source: NIDDK/NIH  
Dates: 2020–2025

Role: Co-Investigator (Dupree, PI)  
Title: Can insurance coverage for In-Vitro Fertilization improve maternal and

Source: infant health?  
NIH  
Dates: 2021–2026

## TEACHING

### UNDERGRADUATE COURSES

2014 Health Economics ECON 438, taught 1 time

### MASTERS COURSES

2001–2002 Study Design and Regression Analysis HPAA 771, taught 2 times  
2005 Microeconomics Laboratory HPAA 715L, taught 1 time  
2006–2008 Introduction to Health Economics HPAA 715, taught 3 times  
2009 Health Economics II, Executive HMP 663 exec, taught 1 time  
2009–2010 Health Economics II HMP 663, taught 2 times  
2010, 2012 Program Evaluation HMP 640, taught 2 times  
2016 Health Economics modules HMP 674, taught 3 times  
2019 Health Economics HMP 674

### DOCTORAL COURSES

1998–1999 Linear Regression Models HPAA 881, taught 3 times  
1994–2008 Analysis of Categorical Data HPAA 883, taught 14 times  
1994–2000 Health Economics Seminar HPAA 815, taught 6 times  
1994–2005 Economics of Health Duke Econ 356, taught 10 times  
2006–2008 Health Economics: The Supply Side UNC Econ 850, taught 3 times  
2009– Applied Econometrics in HSR HMP 826, taught 11 times  
2011– 2013 Integrative Seminar in HSOP HMP 840, taught 2 times  
2013 Health Economics HMP 827, taught 1 time

### PH.D. STUDENTS: YEAR GRADUATED, FIRST AND CURRENT POSITION AND EMPLOYER

STUDENT	YEAR	POSITION	EMPLOYER (1 <sup>ST</sup> , CURRENT)
Glen Mays	1999	Post-Doc Professor	Harvard U Colorado at Denver
Courtney Van Houtven	2000	Post-Doc Professor	UNC at Chapel Hill Duke and Durham VA
Virender Kumar	2001		Westat
Wayne Anderson	2001		RTI International
Ying-Chun Li	2002	Post-Doc Professor	Harvard National Sun Yat Sen U
R. Tamara Konetzka	2003	Post-Doc Professor	U Penn U Chicago
Zhou Yang	2003	Assistant Prof.	Michigan St. World Bank
Jackie Kwong	2003	Assistant Prof.	U Georgia

Hua Wang	2005	Post-Doc	Daiichi Sankyo Cornell
Jipan Xie	2005	Post-Doc	CDC
Laura Dunlap	2006		RTI International
Euna Han	2006	Post-Doc	UNC at Chapel Hill
		Professor	Yonsei U (S. Korea)
Jinkyung Jinny Kim	2007	Post-Doc	Yonsei U (S. Korea)
		Associate Prof.	Konyang U (S. Korea)
Ke-Zong Michelle Ma	2007	Assistant Prof.	Kaohsiung Medical U
Young Do	2008	Post-Doc	Stanford
		Professor	Seoul National U
Shu Wen Ng	2009	Res. Assistant Prof.	UNC at Chapel Hill
		Professor	UNC at Chapel Hill
Hyunjee Kim	2013	Res. Assistant Prof.	Oregon Health & Science U
		Res. Associate Prof.	Oregon Health & Science U
Sayeh Nikpay	2014	Assistant Prof.	Vanderbilt U
		Associate Prof.	U Minnesota
June Kim	2015	Assistant Prof.	Purdue Fort Wayne
		Assistant Prof.	Bryn Mawr
Yubraj Acharya	2017	Assistant Prof.	Penn. State U
Morris Hamilton	2017	Senior Analyst	Abt Associates
Zach Levinson	2019	Senior Analyst	RAND
			KFF
Jun Li	2020	Assistant Prof.	Syracuse U
Jason Gibbons	2021	Post-doc	Johns Hopkins U
		Assistant Prof.	U Colorado
Susan Parker	2023	Post-doc	Northeastern U
Emily Lawton	2023	Assistant Prof.	U Iowa

#### **DISSERTATION AWARDS WON BY MY DOCTORAL STUDENTS**

<b>YEAR</b>	<b>STUDENT</b>	<b>AWARD</b>
2000	Glen Mays	AcademyHealth Dissertation Award
2001	Courtney H. Van Houtven	AcademyHealth Dissertation Award
2004	Zhou Yang	Greenberg Award for Excellence in Doctoral Research
2009	Shu Wen Ng	Linda Dykstra Distinguished Dissertation Award
2017	Yubraj Acharya	ProQuest Distinguished Dissertation Award, Honorable Mention
2021	Jun Li	John Heinz Dissertation Award, Honorable Mention
2021	Jun Li	APPAM Dissertation Award, Honorable Mention

#### **PROFESSIONAL SERVICE**

##### **EDITORIAL BOARDS**

1999–2003 Associate Editor of *Southern Economic Journal*

2005–2007	Editorial Board of <i>Health Economics</i>
2005–2012	Editorial Board of <i>Health Services &amp; Outcomes Research Methodology</i>
2009–2015	Editorial Board of <i>Health Services Research</i>
2007–	Associate Editor of <i>Health Economics</i>
2016–	Associate Editor of <i>Journal of Health Economics</i>

## **JOURNAL REFEREE**

### **ECONOMICS JOURNALS**

*AEJ: Economic Policy*  
*American Economic Review*  
*American J. of Health Economics*  
*Canadian J. of Economics*  
*Eastern Economic J.*  
*Economics Letters*  
*Health Economics*  
*J. of Applied Econometrics*  
*J. Business and Economic Statistics*  
*J. Economics and Statistics*  
*J. Health Economics*  
*J. Human Resources*  
*J. Political Economy*  
*J. Public Economics*  
*Quarterly Journal of Economics*  
*RAND Journal of Economics*  
*Review of Economics and Statistics*  
*Review of Income and Wealth*  
*Southern Economic Journal*  
*J. Applied Statistics*

### **HEALTH POLICY JOURNALS**

*American Journal of Managed Care*  
*Health Care Financing Review*  
*Health Services & Outcomes Research Methodology*  
*Inquiry*  
*J. Autism and Developmental Disorders*  
*J. Consulting and Clinical Psychology*  
*J. Gerontology: Social Sciences*  
*J. Mental Health Policy and Economics*  
*J. Public Health Dentistry*  
*J. American Geriatrics Society Medical Care*  
*Mental Health Services Research*  
*Milbank Quarterly*  
*New England Journal of Medicine*  
*Operations Research*  
*Social Science and Medicine*  
*Health Services Research*

### **ACADEMIC SERVICE**

1990–1993	Organizer, Health Economics Workshop, Boston, Massachusetts
1993–2000	Organizer, Triangle Health Economics Seminar
1996–1997	HPAA Admissions Committee
1996–1997	HPAA Master's Steering Committee
1999–2000	HPAA Academic Standards Committee
1999–2001	SPH Research Advisory Council
2000–2003	Director of the Doctoral Program
2002–2004	Triangle Health Economics Working Paper Series Oversight Board
2004–2006	University Research Council
1997–2007	HPAA Search Committee
1997–2007	HPAA Ph.D. Committee
2003–2007	HPAA Long-term Care Committee
2004–2007	Advisory Committee for the Certificate in Aging Program

- 2008–2011 Associate Director, RWJ Foundation Scholars in Health Policy Research at the University of Michigan
- 2011–2016 Director, RWJ Foundation Scholars in Health Policy Research at the University of Michigan
- 2009–2011 Medical School Faculty Salary Study Advisory Committee
- 2009–2018 Advisory Committee on Academic Rank
- 2017–2021 Director, HSOP doctoral program
- 2008– HMP Search Committee
- 2008– HMP Research Committee
- 2008– HMP PhD Committee (HSOP)

**NATIONAL SERVICE**

- 2001 Co-Organizer of the Annual Health Economics Conference held at Duke
- 2001–2005 AHRQ Study Section
- 2002 Member of the Organizing Committee for the Eleventh NIMH Biennial Research Conference on the Economics of Mental Health
- 2004–2011 Board of Trustees of the American Society of Health Economists
- 2005–2006 CDC Selection Committee for Prevention Effectiveness Fellows
- 2005–2011 Chair of the Awards Committee for the American Society of Health Economists
- 2007 Co-Organizer of the 5<sup>th</sup> Annual Southeastern Health Economics Study Group Conference held at UNC at Chapel Hill
- 2010 Local organizer of the Second Annual Health Econometrics Workshop
- 2008– Member of the Organizing Committee, Annual Health Econometrics Workshop

**INTERNATIONAL SERVICE**

- 2008 Member of Arrow Award Committee
- 2008–2010 Co-chair Arrow Award Committee
- 2010–2013 Chair Arrow Award Committee

**PROFESSIONAL ASSOCIATIONS**

American Society of Health Economists

*Last revised: January 2024*