

CURRICULUM VITAE

EDWARD C. NORTON, PH.D.

UnitedHealthcare Professor of Health Care Management

ADDRESS

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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 and 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 and 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. PMCID: 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. PMCID: 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 and 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. PMCID: 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. PMCID: 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. PMCID: 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. PMCID: 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. PMCID: 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. PMCID: 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. PMCID: 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. PMCID: 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.
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5. Norton, E.C. 2000. "Long-term Care." In **Handbook of Health Economics, Volume 1B**, 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.” **ADB 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. (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.
- 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 10th 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)

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)

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 Economics, 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 Venafrò, 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)

DISCUSSANT AT CONFERENCES

ADB-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
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 infant health?

Source: NIH
 Dates: 2021–2026

TEACHING

UNDERGRADUATE COURSES

2014	Health Economics	ECON 438, taught 1 time
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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 ST , CURRENT)
Glen Mays	1999	Post-Doc	Harvard
		Professor	U Colorado at Denver
Courtney Van Houtven	2000	Post-Doc	UNC at Chapel Hill
		Professor	Duke and Durham VA
Virender Kumar	2001		Westat
Wayne Anderson	2001		RTI International
Ying-Chun Li	2002	Post-Doc	Harvard
		Professor	National Sun Yat Sen U

R. Tamara Konetzka	2003	Post-Doc	U Penn
		Professor	U Chicago
Zhou Yang	2003	Assistant Prof.	Michigan St.
			World Bank
Jackie Kwong	2003	Assistant Prof.	U Georgia
			Daiichi Sankyo
Hua Wang	2005	Post-Doc	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

YEAR	STUDENT	AWARD
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 <i>Southern Economic Journal</i>
2005–2007	Editorial Board of <i>Health Economics</i>
2005–2012	Editorial Board of <i>Health Services & 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 th 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

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