

Mark H. Showalter

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Undergraduate Studies:

B.A. Economics (Honors), Brigham Young University, Provo, UT, 1986

Graduate Studies: Ph.D. Massachusetts Institute of Technology, Sloan School of Management

September 1987 - May 1991, Dissertation Title: "Essays in Applied Econometrics"
Committee: Ernst R. Berndt (Chair), Jeffrey M. Wooldridge, Ann F. Friedlaender

Relevant Positions Held:

9/09 – present: Professor, Brigham Young University
7/16 – 6/21: Chair, Department of Economics, Brigham Young University
7/15 – 6/16: Associate Dean, College of Family, Home, and Social Science,
Brigham Young University
4/97 – 8/09: Associate Professor, Brigham Young University
8/03 – 7/04: Senior Economist for Health, Education, Labor, and Welfare, Council of
Economic Advisers, Washington D.C.
7/98 - 6/99: Visiting Associate Professor, Sloan School of Management,
Massachusetts Institute of Technology
9/91 - 4/97: Assistant Professor, Brigham Young University
9/87 - 8/91: Research Assistant/Teaching Assistant, Massachusetts
Institute of Technology
9/86 - 8/87: Research Associate, Brigham Young University

Honors, Scholarships and Fellowships:

Finalist, National Institute for Health Care Management Research and Educational
Foundation Fourteenth Annual Health Care Research Award (2007), for "Insurance
Choice and Tax Preferred Health Savings Accounts," (with James Cardon).
John A. Widtsoe Research Fellowship, BYU, 2004-2006
Thomas Anthony Pappas Fellowship, MIT, 1989-1990
Sloan School Fellowship, MIT, 1987-1991
Honors Graduate; Department Valedictorian; Phi Kappa Phi, BYU, 1986
Trustees Scholarship, BYU, 1980-81, 1983-1985

Research Areas:

Health Economics
Economics of Education

Teaching Areas:

Microeconomics
Econometrics
Health Economics

Research Grants:

“Accounting for Differences in Adolescent Sleep Patterns: Evidence from National Sleep Foundation Data,” Family Studies Center, Brigham Young University, 2012-2013.

BYU competitive research grants: various years 1992-2022

“The Effect of Education and Family Background on Earnings Inequality Among Young Workers,” American Educational Research Association Grant (NSF Grant #RED-9452861): 1996-1998 (With Eric Eide)

“An Examination of Flexible Spending Accounts,” Agency for Health Care Policy and Research, Grant (R03 HS10829-0; \$34,484): 2000-2001

“Health Savings Accounts, High-Deductible Policies, and the Uninsured: Simulating the Effects of HSA Tax Policy Using a Utility-Maximization Framework,” Academy Health/Robert Wood Johnson Foundation (BP1316): 2007-2008 (With James Cardon, PI; \$116,606).

Professional Affiliations:

American Economic Association
Econometric Society
American Society of Health Economists (ASHE)
International Health Economics Association (IHEA)

Professional Service:

Board Member, Center for Health and Economy, Washington DC, 2013-present
Congressional Budget Office HISIM2 Technical Review Panel, 2018-2020
Editorial Board, Economics of Education Review, 2018-present
Co-editor, Economics of Education Review, 2011-2017
ASHE Scientific/Program Committee, 2005-2011
IHEA Scientific/Program Committee, 2004-2011

Referee Service:

American Economic Review, American Journal of Agricultural Economics, Canadian

Journal of Economics, Contemporary Economic Policy, *Economica*, Economics of Education Review, Health Economics, International Economic Review, Journal of Business and Economic Statistics, Journal of Economic Dynamics and Control, Journal of Health Economics, Health Economics, Journal of Human Resources, National Tax Journal, National Science Foundation:Economic Program, Quarterly Review of Economics and Finance, RAND Journal of Economics, RAND Corporation, Review of Economics and Statistics, Social Science and Medicine, Southern Economic Journal

Publications:

1. "Estimating The Effect of Focused Donor Registration Efforts on the Number of Organ Donors" (James H. Cardon, Jordan Holbrook), PLoS ONE, 15(11) November 2020, DOI: <https://doi.org/10.1371/journal.pone.0241672>
2. "Student Incentives," (Eric R. Eide), In: Steve Bradley and Colin Green (Editors), *The Economics of Education: A Comprehensive Overview*, 2nd Edition, Oxford: Elsevier, January 2020, 555-565.
3. "Interacting Circadian and Homeostatic Processes with Opportunity Cost: A Mathematical Model of Sleep with Application to Two Mammalian Species" (James H. Cardon, Eric R. Eide, Kerk L. Phillips), PLoS ONE, 13(12) December 2018: e0208043. <https://doi.org/10.1371/journal.pone.0208043>
4. "A Model of Sleep, Leisure and Work over the Business Cycle" (James H. Cardon, Eric R. Eide, Kerk L. Phillips), Journal of Economic Dynamics and Control, 95 (Oct 2018), 19-36, DOI: <https://doi.org/10.1016/j.jedc.2018.08.003>
5. "Wages, Health Insurance Benefits, and Worker Sorting Under Asymmetric Information" (James H Cardon), International Journal of the Economics of Business, 25:3 (2018), 367-390, DOI: <https://doi.org/10.1080/13571516.2018.1505231>
6. "Vaccination and GDP Growth Rates: Exploring The Links in a Conditional Convergence Framework" (Neal A. Masia, Jonathan Smerling, Tendayi Kapfudz, Richard Manning), World Development, Vol. 103 (Mar 2018), 88-99
7. "School Absences and Human Capital Development," (Eric R. Eide, Ian Fillmore), Journal of Studies in Education, Vol. 7(4) (2017), DOI: <https://doi.org/10.5296/jse.v7i4.12119>
8. "To Choose or Not to Choose: An Experiment in Hedging Strategies and Risk Preferences," (Matthew Butler, James H. Cardon), Journal of Behavioral and Experimental Economics, Vol. 67, (Apr 2017). 14-19.
9. "Is it Where You Go or What You Study? The Relative Influence of College Selectivity

- and College Major on Earnings,” (Michael J. Hilmer, Eric R. Eide), Contemporary Economic Policy, Vol. 34:1, 37-46, January 2016. (Article first published online: 24 JUN 2015, DOI: 10.1111/coep.12115).
10. “The Effects of Direct to Consumer Advertising of Pharmaceuticals on Adherence,” (James Cardon), Applied Economics, Vol 47:50. 5432-5444.
 11. “Flexible Spending Accounts and the Use-It-or-Lose-It Provision,” (James Cardon, Jeffrey Denning, and Mark H. Showalter), Applied Economics, Vol. 45:35 (2013). 4928-4939.
 12. “The Distributional Effects of Health Reform Limits on Flexible Spending Accounts” (James H. Cardon and Mark H. Showalter), Forum for Health Economics and Policy, Vol. 15:2 (2012).
 13. “How Does Sleep Affect Academic Performance?” (Eric R. Eide and Mark H. Showalter), Better: Evidence-based Education, Vol. 4:3 (Spring 2012), pp. 14-15. Center for Research and Reform in Education at Johns Hopkins University and the Institute for Effective Education, University of York.
 14. “Methods Matter: Improving Causal Inference in Educational and Social Science Research: A Review Article” (Eric R. Eide and Mark H. Showalter), Economics of Education Review, Vol. 31:5 (2012), pp. 744-748.
 15. “Sleep and Student Achievement” (Eric R. Eide and Mark H. Showalter), Eastern Economic Journal, Vol. 38 (2012), pp. 512-524.
 16. “Estimating the Relationship Between Health and Education: What Do We Know and What Do We Need to Know?” (Eric R. Eide and Mark H. Showalter), Economics of Education Review, Vol. 30:5 (2011), pp. 778-791.
 17. “The Relation Between Children’s Health and Academic Achievement,” (Eric R. Eide Dan D. Goldhaber, and Mark H. Showalter), Children and Youth Services Review, Vol. 32:2 (2010), pp. 231-238.
 18. “Human Capital,” (Eric R. Eide and Mark H. Showalter), In: Penelope Peterson, Eva Baker, Barry McGaw, (Editors), the *International Encyclopedia of Education, Economics of Education*, Volume 2, pp 282-287. Oxford: Elsevier, 2010.
 19. “Student Incentives,” (Eric R. Eide and Mark H. Showalter), In: Penelope Peterson, Eva Baker, Barry McGaw, (Editors), the *International Encyclopedia of Education, Economics of Education*, Volume 2, pp 342-346. Oxford: Elsevier, 2010.
 20. “The Impact of Liability on the Physician Labor Market,” (Eric A. Helland and Mark H.

- Showalter) Journal of Law & Economics, Vol. 52:4 (2009), pp. 635-663.
21. "State Health Insurance Regulations and the Price of High-Deductible Policies," (Amanda Kowalski, William J. Congdon and Mark H. Showalter), *Forum for Health Economics & Policy*, Vol. 11:2 (2008; Health Care Reform), Article 8.
<http://www.bepress.com/fhep/11/2/8>
 22. "Insurance Choice and Tax Preferred Health Savings Accounts," (James Cardon and Mark H. Showalter), Journal of Health Economics, Vol. 26:2, (2007), pp. 373-399.
 23. "Does Improving School Quality Reduce the Probability of Unemployment?" (Eric R. Eide and Mark H. Showalter) Contemporary Economic Policy, Vol. 23:4 (2005) pp. 578-584.
 24. "Does Catholic High School Attendance Lead to a More Selective College?" (Eric R. Eide, Dan D. Goldhaber and Mark H. Showalter) Social Science Quarterly, Vol. 85 (5) (December 2004), pp. 1335-1352.
 25. "Flexible Spending Accounts as Insurance," (James Cardon and Mark H. Showalter) Journal of Risk and Insurance, Vol. 70 (1) (March 2003), pp. 43-51.
 26. "The Effect of Secondary School Quality on the Distribution of Earnings," (Eric Eide, Mark H. Showalter and David Sims) Contemporary Economic Policy, Vol 20 (2002), pp. 160-170.
 27. "The Effect of Grade Retention on Educational and Labor Market Outcomes" (Eric Eide and Mark H. Showalter) Economics of Education Review, 20 (2001) 563-576.
 28. "An Examination of Flexible Spending Accounts," (James Cardon and Mark H. Showalter) Journal of Health Economics, Vol 20 (2001), pp. 935-954.
 29. "College Quality and the Distribution of Earnings," (Eric Eide and Mark H. Showalter) Research in Labor Economics, Vol 20 (2001), pp. 133-158.
 30. "A Note on the Rate of Intergenerational Convergence of Earnings," (Eric Eide and Mark H. Showalter) Journal of Population Economics, Vol 13 (2000), pp. 159-162.
 31. "Firm Behavior in a Market with Addiction: The Case of Cigarettes," Journal of Health Economics, Vol 18 (1999) pp. 409-427.
 32. "Factors Affecting the Transmission of Earnings Across Generations: A Quantile Regression Approach," (Eric Eide and Mark H. Showalter), Journal of Human Resources, Vol 34, No. 2 (1999) pp. 253-267.

33. "The Effect of School Quality on Student Performance: A Quantile Regression Approach," (Eric Eide and Mark H. Showalter), Economics Letters, Vol 58, No. 3, (1998), pp. 345-350.
34. The Effect of Cigarette Taxes on Cigarette Consumption: Comment," American Journal of Public Health, Vol. 88, No. 7 (1998), pp. 1118-1119.
35. "Taxes and Labor Supply for High-Income Physicians," (Norman K Thurston and Mark H. Showalter) Journal of Public Economics, Vol 66, No. 1 (1997), pp. 73-97.
36. "Cost-Shifting Behavior of Physicians," Contemporary Economic Policy, Vol 15, No. 2 (1997), pp. 74-84.
37. "A Monte Carlo Investigation of the Box-Cox Model and a Nonlinear Least Squares Alternative," Review of Economics and Statistics, Vol 76, No. 3 (1994), pp. 560-570.
38. "Rail Costs and Capital Adjustments in a Quasi-Regulated Environment," (A.F. Friedlaender, E.R. Berndt, J.S.W. Chiang, Mark H. Showalter and C.A. Velluro) Journal of Transport Economics and Policy, May (1993), pp.131-152.
39. "A Theoretical and Empirical Investigation of the Box-Cox Model and a Nonlinear Least Squares Alternative," (E.R. Berndt, Mark H. Showalter and J.M. Wooldridge) Econometric Reviews, Vol 12, No. 1, (1993), pp. 65-102.
40. "Deregulation, Mergers, and Cost Savings in Class I U.S. Railroads, 1974-1986," (C.A. Velluro, E.R. Berndt, A.F. Friedlaender, J.S.W. Chiang, and Mark H. Showalter) Journal of Economics and Management Strategy, Vol 1, No. 2 (1992) pp. 339-370.

Working Papers:

1. "A Mathematical Model of Sleep with an Application to Economics" (James Cardon, Eric Eide, Kerk Phillips), November 2023.
2. "Home Alone: Evaluating the Implications of Government Mandates and Disease Prevalence on Time Usage During the Pandemic" (James Cardon, Eric Eide), September 2023.
3. "Sleep as a Game" (Eric Eide, James Cardon, Kerk Phillips), December 2022.
4. "Rich Kids, Poor Kids: Measuring the Opportunity Cost of Time Using Sleep Patterns for Teenagers" (Eric Eide, James Cardon, Kerk Phillips), Jan 2023.

5. "Increasing the Number of Organ Donors and Transplants: The Effects of the Uniform Anatomical Gift Act of 2006." (James Cardon), July 2017.

Presentations:

June 2022, American Society of Health Economists, Austin, TX, ““Home Alone: Evaluating the Implications of Government Mandates and Disease Prevalence on Time Usage During the Pandemic”

April 2022 (zoom), FDA-Center for Devices and Radiological Health, “Disparities in Health Outcomes: Some Findings from Social Science Research”

June 2017, Western Economics Association, San Diego, CA, “Sex, Race, Family Income, College Attendance Decisions and the Mid-Career Annual Earnings Distribution of U.S. College Graduates,”

July 2017, International Health Economics Association, Boston, MA,

July 2015, International Health Economics Association,

June 2016, American Society of Health Economists