

# DAVID M. ZIMMER

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CURRICULUM VITA, SEPTEMBER 2021

## Contact Information

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## Current Position

- 2018 – Professor Western Kentucky University,  
Department of Economics

## Education

- 2004 Ph.D., Economics Indiana University
- 2001 M.A., Economics Indiana University
- 1999 B.S., Mathematics University of Evansville

## Previous Positions

- 2012 – 2018 Associate Professor Western Kentucky University,  
Department of Economics
- 2007 – 2012 Assistant Professor Western Kentucky University,  
Department of Economics
- 2004 – 2007 Economist U.S. Federal Trade Commission
- 2006 – 2007 Adjunct Professor Georgetown University,  
Department of Economics
- 2001 – 2003 Research Assistant Principal Investigators:  
Pravin Trivedi and Partha Deb,  
AHRQ grant R01 HS10904-02
- 2000 – 2003 Associate Instructor Indiana University,  
Department of Economics

## Publications

### BOOK

1. *Copula Modeling: An Introduction for Practitioners*. Now Publishers, 2007, Hanover, MA. (with P.K. Trivedi)

### ARTICLES

1. "Investigating the Dynamic Interdependency Between Poverty and Marital Separation." *Review of Economics of the Household*, forthcoming.
2. "The Effects of Absent Fathers on Adolescent Criminal Activity: An Economic Approach." *Journal of Demographic Economics*, forthcoming.
3. "Did the ACA's 'Guaranteed Issue' Provision Cause Adverse Selection into Non-group Insurance? Analysis using a Copula-Based Hurdle Model." *Health Economics*, forthcoming. (with G. Marra and R. Radice)
4. "Estimating the Binary Endogenous Effect of Insurance on Doctor Visits by Copula-Based Regression Additive Models." *Journal of the Royal Statistical Society*, forthcoming. (with G. Marra and R. Radice)
5. "The Effect of Job Displacement on Mental Health, When Mental Health Feeds Back to Future Job Displacement." *Quarterly Review of Economics and Finance*, forthcoming.
6. "The Effect of Management Changes on Winning in Professional Sports: Analysis Using a Dynamic Lag Adjustment Model." *Managerial and Decision Economics*, forthcoming. (with B. Goff and D. Wilson)
7. "The Effect of Hearing Impairments on Wage Earnings: Evidence from a Copula-Based Spline Selection Model." *Labour*, 2019, 33, 147-161.
8. "The Accuracy of Self-Reported Smoking among Blacks." *Review of Black Political Economy*, 2018, 45, 166-180.
9. "Using Copulas to Estimate the Coefficient of a Binary Endogenous Regressor in a Poisson Regression: Application to the Effect of Insurance on Doctor Visits." *Health Economics*, 2018, 27, 545-556.
10. "Do High School Gifted Programs Lead to Later-in-Life Success?" *Journal of Labor Research*, 2018, 39, 201-218. (with D. Welsch)
11. "Did the Demand for Crestor Shrink when Lipitor's Patent Expired?" *Journal of Industry, Competition and Trade*, 2018, 18, 139-149.

12. "The Heterogeneous Impact of Insurance on Health Care Demand Among Young Adults: A Panel Data Analysis." *Journal of Applied Statistics*, 2018, 45, 1277-1291.
13. "Hertz-Dollar Thrift: Fixing a Merger to Avoid Litigation." In *The Antitrust Revolution: Economics, Competition, and Policy (7th Edition)*, Edited by J.E. Kwoka and L.J. White, 2018, pp. 87-102. Oxford University Press: New York. (with M. Doane, L. Froeb, and G. Werden)
14. "Is the ACA Bringing the Family Back Together (for Tax Purposes?) Investigating the Dependent Coverage Mandate Effect on Dependent Tax Exemptions." *Review of Economics of the Household*, 2017, 15, 1159-1176. (with D. Shane)
15. "Movies, Mass Consumers, and Critics: Economics and Politics of a Two-Sided Market." *Contemporary Economic Policy*, 2017, 35, 269-277. (with B. Goff and D. Wilson)
16. "A Note on Identification of Bivariate Copulas for Discrete Count Data." *Econometrics*, 2017, 5, 1-11. (with P. Trivedi)
17. "What Percent of the U.S. Population is Predisposed Toward High Cholesterol?" *International Journal of Cardiology*, 2016, 214, 90-91.
18. "Crop Price Comovements during Extreme Market Downturns." *Australian Journal of Agricultural and Resource Economics*, 2016, 60, 265-283.
19. "The Dynamic Relationship between School Size and Academic Performance: An Investigation of Elementary Schools in Wisconsin." *Research in Economics*, 2016, 70, 158-169. (with D. Welsch)
20. "Analyzing Comovements in Housing Prices using Vine Copulas." *Economic Inquiry*, 2015, 53, 1156-1169.
21. "Asymmetric Dependence in Housing Prices: Evidence from Domestic and International Data." *Empirical Economics*, 2015, 49, 161-183.
22. "Does COBRA Reduce the Probability that Job Separators Return to Work?" *Journal of Economic Policy Reform*, 2015, 18, 326-340.
23. "Employment Effects of Health Shocks: The Role of Fringe Benefits." *Bulletin of Economic Research*, 2015, 67, 346-358.
24. "The Relationship between Student Transfers and District Academic Performance: Accounting for Feedback Effects." *Education Finance and Policy*, 2015, 10, 399-422. (with D. Welsch)
25. "Time-Varying Correlation in Housing Prices." *Journal of Real Estate Finance and Economics*, 2015, 51, 86-100.

26. "The Effect of Medicare Part D on Prescription Drug Composition and Demand." *Journal of Economic Studies*, 2015, 42, 170-185.
27. "Why do Movie Studios Produce R-rated Films?" *Applied Economics and Finance*, 2015, 2, 33-43. (with B. Goff and D. Wilson)
28. "Cost-offsets of Prescription Drug Expenditures: Data Analysis via a Copula-based Bivariate Dynamic Hurdle Model." *Health Economics*, 2014, 23, 1242-1259. (with P. Deb and P. Trivedi)
29. "Success at the Summer Olympics: How Much Do Economic Factors Explain?" *Econometrics*, 2014, 2, 169-202. (with P. Trivedi)
30. "Intertemporal Persistence in Health Care Spending and Utilization: The Role of Insurance." *Journal of Applied Statistics*, 2013, 40, 1044-1063.
31. "Does COBRA's Retroactive Coverage Feature Encourage Delayed Enrollment?" *Contemporary Economic Policy*, 2013, 31, 135-144.
32. "Analysis of Mixed Outcomes in Econometrics: Applications in Health Economics." In *Analysis of Mixed Data: Methods and Applications*, Edited by A.R. de Leon and K.C. Chough, 2013, pp. 157-172. CRC Press: New York.
33. "The Role of Copulas in the Housing Crisis." *Review of Economics and Statistics*, 2012, 94, 607-620.
34. "Do Student Migrations Affect School Performance? Evidence from Wisconsin's Inter-District Public School Program." *Economics of Education Review*, 2012, 31, 195-207 (with D. Welsch)
35. "The Relationship between Medicare Supplemental Insurance and Health Care Spending: Selection Across Multiple Dimensions." *Eastern Economic Journal*, 2012, 38, 118-133.
36. "Family Asthma and Maternal Labor Supply." *Journal of Economics*, 2012, 38, 49-63. (with C. Strow)
37. "The Dependence Structure of Income Distribution." *Applied Economics*, 2012, 44, 3573-3583. (with Y. Kim)
38. "The Effects of the State Children's Health Insurance Program on Insurance Status and Health Care Utilization of Children." *Journal of Family and Economic Issues*, 2011, 32, 373-383.
39. "Medical Savings Accounts and Preventative Health Care Utilization." *Journal of Economics and Management*, 2011, 7, 1-22. (with J. Cress)
40. "State Dependence Among the Uninsured: Accounting for Feedback to Health and Employment." *Forum for Health Economics & Policy*, 2010, 13, Issue 2 (Health Economics), Article 4.

41. "The Effect of Double Coverage on Health Care Utilization of Children." *Applied Economics*, 2010, 42, 3105-3117.
42. "Health Insurance and Health Care Demand Among the Self-Employed." *Journal of Labor Research*, 2010, 31, 1-19.
43. "The Role of Health Insurance in Labor Supply Decisions of Divorced Females." *Quarterly Review of Economics and Finance*, 2010, 50, 121-131.
44. "The Effect of Health and Poverty on Early Childhood Cognitive Development." *Atlantic Economic Journal*, 2010, 38, 37-49. (with D. Welsch)
45. "Racial Differences in Health Care Utilization: Analysis by Intensity of Demand." *Contemporary Economic Policy*, 2009, 27, 475-490. (with X. Zheng)
46. "Pitfalls in Modeling Dependence Structures: Explorations with Copulas." In *The Methodology and Practice of Econometrics: A Festschrift in Honour of David F. Hendry*, Edited by J.L. Castle and N. Shephard, 2009, pp. 149-172. Oxford University Press: New York. (with P.K. Trivedi)
47. "Modeling Bivariate Count Distributions with Finite Mixture Models: Application to Health Care Demand of Married Couples." *Applied Economics*, 2009, 1-7. (with X. Zheng)
48. "Insurance Arrangements Among Married Couples: Analysis of Benefit Substitution and Compensating Differentials." *Journal of Family and Economic Issues*, 2009, 30, 428-439.
49. "After-School Supervision and Children's Cognitive Achievement." *The B.E. Journal of Economic Analysis & Policy*, 2008, 8, (Topics), Article 49. (with D. Welsch)
50. "Farmers' Health Insurance and Access to Health Care." *American Journal of Agricultural Economics*, 2008, 90, 267-279. (with X. Zheng)
51. "The Effect of the Consolidated Omnibus Reconciliation Act of 1985 on Health Care Utilization of Employment Separators." *The B.E. Journal of Economic Analysis & Policy*, 2008, 8, (Contributions), Article 2.
52. "Asymmetric Effects of Marital Separation on Health Insurance Among Men and Women." *Contemporary Economic Policy*, 2007, 25, 92-106.
53. "Child Health and Maternal Work Activity: The Role of Unobserved Heterogeneity." *Eastern Economic Journal*, 2007, 33, 43-64.
54. "Using Trivariate Copulas to Model Sample Selection and Treatment Effects: Application to Family Health Care Demand." *Journal of Business and Economic Statistics*, 2006, 24, 63-76. (with P.K. Trivedi)

55. "The Effect of Managed Care on Use of Healthcare Services: Results from Two Contemporaneous Household Surveys." *Health Economics*, 2006, 15,743-760. (with P. Deb, C. Li, and P.K. Trivedi)
56. "The Effect of Switching Private Insurance Plans on Health Care Utilization." *The B.E. Journal of Economic Analysis & Policy*, 2006, 5, (Contributions), Article 22. (with F. Liu)
57. "Modeling the Differences in Counted Outcomes Using Bivariate Copula Models with Application to Mismeasured Counts." *Econometrics Journal*, 2004, 7, 566-584. (with A.C. Cameron, T. Li, and P.K. Trivedi)

### Works in Progress

1. "The Effects of Infant Daycare on Later-in-Life Employment Outcomes."
2. "Missing School to Visit the Doctor? Analysis Using a Copula-Based Endogenous Switching Regressions Model."
3. "A Trivariate Model for Estimating the Effects of Two Binary Endogenous Explanatory Variables: Application to the Impact of Medical Care Usage on Work Absenteeism." with (P. Filippou, G. Marra, and R. Radice)
4. "A Copula-Based Finite Mixture Sample Selection Model: Application to the Effects of Hearing Problems on Female Wage Earnings."
5. "Did Subsidies Included in the 2009 Stimulus Package Encourage Enrollment in COBRA?"
6. "Does Preventive Care Reduce Usage of Curative Services?"
7. "Pricing and Market Concentration: A New Estimation Strategy." (with M. Doane, L. Froeb, and G. Werden)
8. "The Dynamic Relationship between Health and Health Insurance."
9. "Inequality in Durations of Insurance Loss Following Employment Disruption."
10. "Does Health Insurance Always Increase Health Spending? Evidence on Distributional Effects from Inpatient Hospital Stays." (with D. Shane)

### Awards and Grants

- Faculty Research and Creativity Award, Gordon Ford College of Business, Western Kentucky University, 2020

- Faculty Research and Creativity Award, Gordon Ford College of Business, Western Kentucky University, 2016
- Gordon and Glenda Ford Award of Faculty Excellence, 2015
- Faculty Teaching Award, Gordon Ford College of Business, Western Kentucky University, 2013
- Hayes Watkins Research Fellow, Gordon Ford College of Business, Western Kentucky University, 2011
- Faculty Research and Creativity Award, Gordon Ford College of Business, Western Kentucky University, 2009
- Mark Berger Award for Best Paper, Kentucky Economic Association, 2008 (with J. Cress)
- Dissertation Grant Award, Agency for Healthcare Research and Quality (grant number R03 HS013870-01), \$23,196
- Fred Witney Scholarship Award for Excellence in Applied Microeconomics, Indiana University, Department of Economics, 2002

## **Presentations**

- Economics Workshop, March 2015, North Carolina State University
- Midwest Econometrics Group, October 2013, Indiana University
- Economics Workshop, March 2013, University of Louisville
- Midwest Economics Association, March 2012, Evanston, IL
- Econometrics Workshop, March 2009, University of Kentucky
- Joint Statistical Meetings/American Statistical Association, August 2008, Denver, CO
- Midwest Econometrics Group, October 2003, University of Missouri
- Bloomington Lafayette Indianapolis Social Science Conference, October 2003, Indiana University Purdue University at Indianapolis
- Econometrics Workshop, September 2002, Indiana University