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August 2016

Education

Ph.D. Economics, University of Wisconsin, Madison, August, 1993.
M.S. Economics, University of Wisconsin, Madison, June 1990.
B.B.A. Economics, Michigan State University, June 1988.

Experience:

July 2007 – present: Professor, University of Kentucky, Department of Economics
July 2001 – June 2007: Associate Professor, University of Kentucky, Department of Economics
Aug. 1998 – June 2001: Assistant Professor, University of Kentucky, Department of Economics
Sept. 1993 – June 1998: Assistant Professor, Georgia State University, Department of Economics
Jan. 1993 – June 1993: Instructor, University of Wisconsin, Madison.

Other Appointments and Awards:

“Teachers Who Made a Difference” awarded by U.K. Department of Education, 2015 & 2016.
Director, Center for Business and Economic Research, U.K., July 2012 - present.
Co-Director, Center for Business and Economic Research, U.K., January 2012 - June 2012
Associate Editor, Journal of Econometric Methods, September 2010-present.
Robertson Faculty Leadership Research Award, Gatton College of Business, June 2010
Director of Graduate Studies, Department of Economics, January 2008-July 2012
Visiting Scholar, W.E. Upjohn Institute for Employment Research, June 2007
Co-Editor, Southern Economics Journal, January 2007—July 2010.

Department of Economics, Outstanding Teacher, December 2005

Appointments and Awards (continued)

Associate Director, U.K. Center for Poverty Research, October 2005 – July 2007.

Faculty Affiliate, U.K. Center for Poverty Research, July 2003 – present.

Gatton Endowed Professor of Economics, January 1, 2003 – present.

Associate Editor, Southern Economics Journal, August 1, 2003 – December 2006, January 2014-present.

Special Sworn Employee, Bureau of Census, 1992-1993; 1995-1998; 2001; 2012-present.

Papers in Refereed Journals:

“The Role of CPS Nonresponse in the Measurement of Poverty” (with Charles Hokayem and James Ziliak), *Journal of the American Statistical Association*, 110:511, 935-945, November, 2015.

“On the Robustness of Coefficient Estimates to the Inclusion of Proxy Variables” (with Jenny Minier), *Journal of Econometric Methods*, March, 2014, Volume 4, Issue 1. Pp 101-122.

“Is Earnings Response Ignorable?” (with Barry Hirsch), *Review of Economics and Statistics*, May 2013, vol. 95, no. 2, pp. 407-416.

"Binary Misclassification and Identification in Regression Models " (with Martijn von Hasselt), *Economics Letters*, January 2012, vol. 115, pp. 81-84.

“Down From the Mountain: Skill Upgrading and Wages in Appalachia” (with Ken Troske and James P. Ziliak), *Journal of Labor Economics*, 2011, vol. 29, no. 4, pp. 819-857.

"Earnings Volatility in America: Evidence from Matched CPS," (with Bradley Hardy and James P. Ziliak), *Labour Economics*, 2011, vol. 18, pp.742-754.

“The Poverty Reduction Success of Public Transfers For Working Age Immigrants and Refugees In the United States” (with Paul Hagstrom) *Contemporary Economic Policy*, April, 2011, Vol 29. no.2, pp. 191-206.

“An efficient GMM estimator of spatial autoregressive models” (with Xiaodong Liu and Lung-Fei Lee), *J. Econometrics*, 2010, vol. 159, pp. 303-319.

“Food Stamp Program Participation Among Immigrants and Refugees” (with Paul Hagstrom), *Southern Economic Journal*, January, 2008, Vol. 74, no. 3, pp.665-692.

“Match Bias in the Earnings Imputations in the Current Population Survey: The Case of Imperfect Matching” (with Barry T. Hirsch), *Journal of Labor Economics*, July 2006, Vol. 24, no. 3, pp. 483-520.

"I Didn't Tell and I Won't Tell: Dynamic Response Error in the SIPP" (with Martin H. David), *Journal of Applied Econometrics*, May/June 2005, Vol 20. issue 4, pp. 563-569.

"Iatrogenic Specification Error: A Cautionary Tale of Cleaning Data" (with Amitabh Chandra), *Journal of Labor Economics*, April, 2005, Vol. 23, no. 2, pp. 235-257.

"The Upside Potential of Hiring Risky Workers: Evidence from the Baseball Industry," (with Julie Hotchkiss), *Journal of Labor Economics*, October, 2003, Vol. 21, no. 4, pp. 923-944.

"Measurement Error in Human Capital and the Black-White Wage Gap," *Review of Economics and Statistics*, August, 2003, Vol. 85, no. 3, pp. 578-585.

"The Intraurban Spatial Distribution of Employment: Which Government Interventions Make a Difference?" (with Keith Ihlanfeldt), *Journal of Urban Economics*, May, 2003, Vol. 53, no 3, pp. 396-412.

"Measurement Error and the Union Wage Differential" *Southern Economic Journal*, July, 2001, Vol. 68, no 1, pp.60-76.

"Estimation with Response Error and Non-response: Food Stamp Participation in the SIPP" (with Martin H. David), *Journal of Business and Economic Statistics*, April, 2001, Vol. 19, no. 2, pp. 129-141.

"Measurement Error in the CPS: A Nonparametric Look" *Journal of Labor Economics*, July, 1998, Vol. 16, no. 3, pp 576-594.

"Spatial Variation in Office Rents within the Atlanta Region", (with Keith Ihlanfeldt and David Bowes), *Urban Studies*, June, 1998, Vol. 35, no. 7, pp 1097-1118.

"Modeling Discrete Choice with Response Error: Food Stamp Participation" (with Martin H. David), *Journal of the American Statistical Association*, September 1997, vol. 92, no. 439, pp 827-835.

"The Impact of Rapid Rail Transit on Economic Development: The Case of Atlanta's MARTA," (with Keith Ihlanfeldt) *Journal of Urban Economics*, September 1997, vol. 42, pp 179-204.

"Bounding Mean Regressions When A Binary Regressor is Mismeasured," *Journal of Econometrics*, August, 1996, Vol. 73, no. 2, pp 387-399.

Book Chapters

"Misclassification in Binary Variables." *The New Palgrave Dictionary of Economics*. Online Edition. Eds. Steven N. Durlauf and Lawrence E. Blume. Palgrave Macmillan, 2010

“Welfare Reform and the Level and Composition of Income,” (with Luis Gonzalez, and James P. Ziliak), in *Welfare Reform and its Long-Term Consequences for America’s Poor*, James P. Ziliak, ed, Cambridge, UK: Cambridge University Press. 59-103

"Chicks Don't Dig it: Gender, Attitude and Performance in Principles of Economics Classes" (with Gail M. Hoyt and KimMarie McGoldrick) in *Expanding Teaching and Learning Horizons in Economic Education*, Franklin G. Mixon, Jr. and Richard J. Cebula, eds, New York: Nova Science Publishers, 2009, pp. 43-64.

Other Published Papers

“Iatrogenic Specification Error: A Cautionary Tale of Cleaning Data” (with Amitabh Chandra), National Bureau of Economic Research, Technical Working paper #289, February 2003.

“Response error in duration of spells of Unemployment Compensation: Implications for modeling duration” (with Martin H. David) Proceedings of the Survey Methods Section of the American Statistical Association, August 2001

“Iatrogenic Specification Error” (with Amitabh Chandra) Proceedings of the Survey Methods Section of the American Statistical Association, August 2001

"Differential Reporting of Food Stamps and AFDC: Explanations and Conjectures" (with Martin H. David) Proceedings of the Survey Methods Sections of the American Statistical Association August 2000.

"Can Attrition Proxy for Response Error?" (with Martin H. David) Proceedings of the 1996 American Statistical Association Meetings.

"Sample Attrition and Response Error: Do Two Wrongs Make A Right?" (with Martin H. David) Proceedings of the Bureau of the Census 1995 Annual Research Conference.

"Modeling Food Stamp Program Participation in the Presence of Reporting Errors" (with Martin H. David) Proceedings of the Bureau of the Census 1993 Annual Research Conference, Proceedings of the 1993 American Statistical Association Meetings.

Book Reviews

Review of: *Urban-Suburban Interdependencies*, edited by Rosalind Greenstein and Wim Wiewel. 2000. Cambridge, Massachusetts: Lincoln Institute of Land Policy. *Journal of Regional Science*, August 2002.

Working Papers

"A Bayesian analysis of Binary Misclassification: Inference in Partially Identified Model" (with Martijn van Hasselt), under review, March 2016.

“Trouble in the Tails? Earnings Non-response and Response Bias across the Distribution” (with Barry Hirsch, Charles Hokayem, and James Ziliak), Revise and Resubmit, January 2016

"Bayesian Inference in a Regression Model with Misclassification Error" (with Martijn van Hasselt), Revise and Resubmit, June 2016.

"The Effects of Minimum Salaries on Career Length: Evidence from the National Football League" (with Johnny Ducking) July 2014.

“Measurement Error in Duration Models: Evidence from the British Household Panel Survey” (with Annette Jäckle), January 2012.

"The Labor Market Reward for Political Affiliation: The Case of Communist Party Membership in China, 1988-1999" (with Xi Pan and John Garen) working paper, July 2012.

"Two can live as cheaply as one, but three's a crowd" (with Cheti Nicoletti and Stephen Pudney), December 2011.

Selected Presentations:

“The Impact of Non-Response on Estimates of Inequality in the CPS”, Southern Economic Association Meetings, November 2015; Midwest Econometrics Meetings, October 2015;

“Trouble in the Tails” (with Jim Ziliak, Barry Hirsch, Charles Hokayem); University of Kansas, March 2014. University of Louisville, April 2014; University of North Carolina, Greensboro, March 2015; Mississippi State, April 2015.

“The Role of Homeownership in Migration from Appalachia” Southern Economic Association Meetings, November 2015.

Organized Session on Migration and Housing, Southern Economic Association Meetings, November 2015.

Organized Session on The Impact of Data Quality on Estimation, Southern Economic Association Meetings, November 2015

“Have Wal-Mart Supercenters Slowed the Rate of Inflation?” (with Jeffrey Hoffman and Frank Scott) Southern Economic Association Meetings, November 2014.

Guest Lectures, Southwest University of Finance and Economics, Summer 2014. (Measurement Error; Urban Economics; Down from the Mountain).

“Measurement Error in Duration Models: Evidence from the British Household Panel Survey” (with Annette Jäckle), Department of Economics (Fall 2012), APPAM (November 2013), Southern Economic Association (November 2013).

“Economic Outlook of the U.S. and Kentucky” Lexington Association of Builders and Contractors (February 7, 2013) Lexington Mortgage Bankers Association (February 21, 2013),

"Two can live as cheaply as one, but three's a crowd" (with Cheti Nicoletti and Stephen Pudney) Johns Hopkins University (September, 2011), Western Kentucky University (December 2011), University of Kentucky (March 2012), Wayne State University (April 2012), Federal Reserve Board (May 2012), Bureau of the Census (July 2012), University of Michigan (April 2013), Atlanta Federal Reserve Bank, (September 2013), Southern Economic Association Meetings (November 2013).

Leverhulme Lecture (Invited) "Measurement Error: Modeling and Estimation" at Institute for Social and Economic Research, University of Essex, Colchester, England, May 2011.

“Wage Gap Estimation with Proxies and Nonresponse” (with Barry Hirsch) University College Dublin (February, 2011); University College London (March, 2011), Institute for Study of Labor (May, 2011), Warrick University (May 2011), Kyiv School of Economics (June, 2011), Society of Labor Economists, May 2007.

Co-organized (with Stephen Pudney) Conference on Survey Response Error and Statistical Modeling through Center for Micro Data Methods and Practice, University College London, London, England, March, 2011.

"A Bayesian analysis of Binary Misclassification: Inference in Partially Identified Model," Conference in Honor of Charles F. Manski, Northwestern University, May 2009; SEA November 2009.

“On the Robustness of Coefficient Estimates to the Inclusion of Proxy Variables”, International Conference on Measurement Error, Birmingham, England, July 2007.

Invited to organize a session at the Southern Economics Association Annual Meetings, 2006.

“Match Bias in the Earnings Imputations in the Current Population Survey: The Case of Imperfect Matching” (with Barry Hirsch) presented at Georgia State University School for Policy Studies, April, 2005, Ohio State University Econometrics Seminar, October 2005, Midwest Econometrics Group Meeting, October 2005.

“Food Stamp Program Participation of Refugees and Immigrants” (with Paul Hagstrom) presented at Southern Economics Association Meetings, November 2003, Syracuse University Econometrics Seminar, November 2003, Florida State University, September 2003, Atlanta Federal Reserve Bank, April 2005.

Invited to organize two sessions at the Southern Economics Meetings, November, 2003.

“Iatrogenic Specification Error” (with Amitabh Chandra) presented at the Southern Economics Association, November 2003, University of Cincinnati, October 2003, Northwestern University

Econometrics Seminar, November 2002, Summer Meetings of the Econometric Society, July 2002, and Princeton University, March 2002.

"Measuring the Unmentionable: Response Error in Self Reports of Illegal Drug Use" Presented at the National Academies of Science, Committee on Law and Economics, October, 2001.

Invited to Co-organized two sessions at the Southern Economics Meetings, November, 2001.

Invited to Organize a session at the American Statistical Association Meetings, August 2001.

Invited to co-organize (with Mary Beth Walker) 5 sessions at the Southern Economics Association meetings, November 2000.

"Estimation with Response Error and Non-response: Food Stamp Participation in the SIPP" (with Martin H. David) Presented at the World Congress of the Econometric Society, August 2000.

Invited to organize 2 sessions at the Southern Economics Association meetings, November 1999.

Invited to organize 2 sessions at the Southern Economics Association meetings, November 1998.

"Relative Measurement Error Bias in Nonparametric and OLS Regression: Implications for Specification Tests" Presented at the North American Summer Meetings of the Econometric Society, June 1998 and Midwest Econometrics Group Meetings, October 1997.

"Using Sample Attrition as a Proxy for Response Error" (with Martin H. David) Presented at the Winter Meetings of the Econometrics Society - ASSA meetings, January 1997.

"Spatial Variation in Office Rents within the Atlanta Region" (with Keith Ihlanfeldt) Presented at the Southern Economics Association Meetings, November 1996, and Presented at the Lincoln Land Institute TRED conference, October 1996.

"The Impact of Rapid Rail Transit on Economic Development: The Case of Atlanta's MARTA," (with Keith Ihlanfeldt) Presented at the Western Economics Association Meetings, July 1996.

"On The Errors in Variables Bias for Nonparametric Regression" Presented at the Southern Economics Association Annual Meetings, November 1995.

"Measurement Error in the CPS: A Nonparametric Look" Presented at Western Economic Association Annual Meetings, July 1995, and Presented at Southern Economics Association Annual Meetings, November, 1994.

"Bounding Mean Regressions When A Binary Regressor is Mismeasured" Presented at Southern Economics Association Annual Meetings, November 1993 and Presented at Midwest Econometric Group Meeting, September, 1993, Champaign-Urbana, IL.

"Modeling Food Stamp Program Participation in the Presence of Reporting Errors" (with Martin H. David) Bureau of the Census 1993 Annual Research Conference, March 1993.

Funded Research:

"Kentucky Research Data Center" National Science Foundation (Jim Ziliak PI, serving as Co-PI)
July 1, 2016-June 30, 2019, \$300,000

"Child Poverty Nutrition Center" U.S. Department of Agriculture (Ann Vail PI, serving as Co-PI),
February 1, 2015 – January 31, 2019, \$2,500,000.

"Revenue Forecast for Lexington Fayette Urban County Government" LFUCG Budget Office,
March 2015, \$10,000.

"Evaluation of the Code Louisville Training Program", U.S. Department of Labor and
KentuckianaWorks, January 2015- June 2018, \$508,734.

"Evaluation of Housing First Trial in Lexington Kentucky", Lexington-Fayette Urban County
Government, December, 2014-December 2017, \$125,000.

"National Health Safety Preparedness Index" (co-PI with Glen Mays, PI), Robert Wood Johnson,
October, 2014-October 2017, \$1,061,000.

"Estimating the Economic Impact of Keeneland" Keeneland Corporation, September 2014-January
2015, \$95,000.

"Examining the Impact of a Toll Bridge" for Northern Kentucky Chamber of Commerce, October
2013 – January 2014, \$23,000.

"Revenue Forecast for Lexington Fayette Urban County Government" LFUCG Budget Office,
March 2014, \$10,000.

"Estimating the Economic Impact of Conventions in Lexington" Lexington Convention and Visitors
Bureau, September, 2013 – March 2015, \$70,000.

"Evaluation of Job Training Assistance for Recently Released Prisoners," Manhattan Institute, June
2013 – January 2014, \$130,000 (Co-PI with Aaron Yelowitz).

"Updated Funding Predictions for County Attorney's Offices" Department for Income Support,
Cabinet for Health and Family Services, \$5000.

"Revenue Forecast for Lexington Fayette Urban County Government" LFUCG Budget Office,
March 2013, \$10,000.

“Export Strength and Opportunities for Kentucky Industries” Kentucky Cabinet for Economic Development, \$25,000, September 2012-December 2012.

“Industry and Labor Characteristics and Projections: The BEAM and WIA Regions” (with Ken Troske) for BEAM Consortium, \$45,000, March 2012-December 2012.

“Revenue Forecast for Lexington Fayette Urban County Government” LFUCG Budget Office, March 2012, \$10,000.

“Understanding Earnings Inequality in Appalachia: Skill Upgrading versus Rising Returns to Skill” (with Ken Troske and Jim Ziliak) Federal Reserve Bank of Cleveland, September 30, 2006 – December 30, 2007.

“UI Profiling Update” (with Ken Troske) Kentucky Department of Human Resources and U.S. Department of Labor, January 1, 2006 – June 30, 2006.

"Food Stamp Program Participation of Refugees and Immigrants: Measurement Error Correction for Immigrant Status" (with Paul Hagstrom) Institute for Research on Poverty and U.S. Department of Agriculture small grants program (July 1, 2001 – December 1, 2002); U.K. Center for Poverty Research and ASPE (January 1, 2004 – January 1, 2005).

"Kentucky Labor Demand and Supply Surveys" (Mark Berger and Paul Coomes: PI) Funded by Kentucky Cabinet for Workforce Development (January through November 2002).

"Measuring the Costs of Sprawl in Kentucky: Phase I & II" (co-PI) Funded by Governor's Office of Kentucky.

"Urban Sprawl in Atlanta" (Keith Ihlanfeldt: PI) Funded by Brookings Institute and Lincoln Land Institute(June 1998 – June 1999).

"Salary Determination of Major League Baseball Players" Funded by GSU, School of Policy Studies, Research Program Committee (Summer 1997).

"The Value of Agglomeration Economies in the Atlanta Office Space Market" Funded by GSU, School of Business, Research Program Committee (Summer 1996).

"The Value of Agglomeration Economies in the Atlanta Office Space Market" Funded by GSU, School of Business, Research Program Committee (Summer 1996).

"Salary Structure and Growth in the Baseball Industry" (with Julie Hotchkiss) Funded by GSU Research Initiation Grant (1996).

"Estimating Behavior Determining Income When Response is Subject to Error" (with Martin H. David) Funded by the National Science Foundation, Division of Social, Behavioral and Economic Research: Methodology, Measurement, and Statistics in the Social Sciences. (August 1995 - December 1997).

"On the Errors in Variables Bias for Nonparametric Regression" Funded by GSU, School of Business, Research Program Committee (Summer 1995).

"Economic Development Impacts of MARTA Rail System" (with Keith Ihlanfeldt) Funded by the Federal Transportation Administration. (August 1994-July 1996)

"Measurement Error in the CPS: A Nonparametric Look" Funded by GSU, School of Business, Research Program Committee (Summer 1994).

"Estimating the WIC Eligible Population in Georgia" (with Mary Beth Walker) Funded by the State of Georgia, WIC program. (summer 1994).

Reports Written

"Revenue Forecast for Lexington Fayette Urban County Government" LFUCG Budget Office, March 2015.

"Economic Impact of Keeneland: Fall meet and Fall Sales" January, 2015.

"Revenue Forecast for Lexington Fayette Urban County Government" LFUCG Budget Office, March 2014.

Evaluation of Job Training Assistance for Recently Released Prisoners," (with Aaron Yelowitz).
"Updated Funding Predictions for County Attorney's Offices" Department for Income Support, Cabinet for Health and Family Services.

"Revenue Forecast for Lexington Fayette Urban County Government" LFUCG Budget Office, March 2013.

"Export Strength and Opportunities for Kentucky Industries" (with Derrick Jenniges) for Kentucky Cabinet for Economic Development, December 2012.

"Industry and Labor Characteristics and Projections: The BEAM and WIA Regions" (with Ken Troske) for BEAM Consortium, December 2012.

"Revenue Forecast for Lexington Fayette Urban County Government" LFUCG Budget Office, March 2012.

"Updating the Unemployment Insurance Profiling Model in Kentucky" (with Ken Troske) Center for Business and Economic Research, U.S. Department of Labor, Kentucky Employment Cabinet., December 2007.

"Measuring the Unmentionable: Response Error in Self Reports of Illegal Drug Use" for National Academies of Science, Committee on Law and Economics, October, 2001.

“Smart Growth and the Costs of Sprawl in Kentucky: Intra-County Analysis” for Center for Business and Economic Research, University of Kentucky, 2001.

“Smart Growth and the Costs of Sprawl in Kentucky: Phase I” Center for Business and Economic Research, University of Kentucky, 2001.

"Administrative Record Match for the Survey of Income and Program Participation: Issues and Suggestions" for internal use at U.S. Bureau of the Census, 2000.

"Economic Impacts of Atlanta's MARTA" Published by Research Atlanta, 1996.

"Estimation of the WIC Eligible Population in Georgia" (with Mary Beth Walker), 1994.