

# Christopher R. Bollinger

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**September 2011**

## 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:

Leverhulme Visiting Professor, ISER, University of Essex, January 2011-July 2011  
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-present  
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  
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.

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

### **Papers in Refereed Journals:**

“Wage Gap Estimation with Proxies and Nonresponse” (with Barry Hirsch), *Review of Economics and Statistics*, forthcoming.

"Earnings Volatility in America: Evidence from Matched CPS," (with Bradley Hardy and James P. Ziliak), *Labour Economics*, forthcoming

“Down From the Mountain: Skill Upgrading and Wages in Appalachia” (with Ken Troske and James P. Ziliak), *Journal of Labor Economics*, forthcoming.

“Improved Efficient Quasi Maximum Likelihood Estimator of Spatial Autoregressive Models” (with Xiaodong Liu and Lung-Fei Lee), *J. Econometrics*, forthcoming

“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.

“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: Cleaning Data can Exacerbate Measurement Error Bias” (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 Differential,” *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**

"Effects of Ownership on Agglomeration Economies: Evidence from Ukrainian Firm Level Data" (with Volodymyr Vakhitov), January 2010.

"Binary Misclassification and Identification in Regression Models" (with Martijn van Hasselt) December 2009

"A Bayesian analysis of Binary Misclassification: Inference in Partially Identified Model" (with Martijn van Hasselt), September 2009.

“On the Robustness of Coefficient Estimates to the Inclusion of Proxy Variables” (with Jenny Minier), Under Review January 2011.

“Changes in the distribution of Income Among Single Mother Families: Murphy Brown meets Inequality” (with James P. Ziliak) November 2008.

“Computer Use or Computer Skills: Certification of IT Professionals and its Effect on Earnings” (with Hanna Vahkitova), September, 2006.

## **Selected Presentations:**

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:**

"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).

"Urban Sprawl in Atlanta" (Keith Ihlanfeldt: PI) Funded by Brookings Institute and Lincoln Land Institute( June 1998 – June1999).

"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**

"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.

## **Service**

### **University Level Committees**

Arts and Sciences External Review Committee (2005)

University Studies Program Committee (2001-2004)

FLIE review committee (Fall 2002-Fall 2004)

### **College Level Committees**

Faculty Evaluation Committee (2005-2006)

Computer Committee (2002- present)

Committee on ECO391/STA291 (chair, 1999-2005)

### **Department Level Committees**

Chair, Departmental Faculty Evaluation and Journal Ranking Committee (2006-2007)

Graduate Studies Committee (2005-present)

Departmental Review Committee (2003/2004)

Undergraduate Studies Committee (1999-2005)

Web Site Committee (Fall 2002 - 2005)

Micro Economics Seminar Committee (Co-Chair, Spring 2002, 2005-2007)

### **Professional Service**

Co-Editor, Southern Economic Journal, Effective January 2007.

Associate Editor, Southern Economic Journal (2003-present)

## **Invited Speaker/Participant**

Mathematica-Social Security Administration Panel on Data Quality and Modeling, Spring 2006

## **Graduate Student Advising**

Lopes, Carlos J  
Pan, Xi\*  
Lloyd, Christine Berry\*  
Hokayem, Charles Michael  
Zang, Wenbin  
Hoffman, Jeffrey William  
Phelps, Ryan Todd  
Biehl, Amelia Marie  
Holod, Dmytro  
Vakhitov, Volodymyr\*  
Vakhitova, Ganna\*  
Das, Sonia  
Gonzalez, Luis Jesus  
Goggins, Kylie Michelle  
Jeraputtiruk, Numkrit  
Ogunro, Gilbert Oyenola  
Clark, Christopher F  
Srinivasan, Arun Kumar  
Harjoto, Maretno Agus  
Toma, Roxana  
Ducking, Johnny Clanard\*  
Hardy, Bradley Leon  
Kearns, Jillian A  
Al-Bahrani, Abdullah Abbas  
Edmonds, Ryan C  
Kang, Dong Kwan  
Boardman, Barry Wayne  
Brown, M Hayden  
Filer, Larry Hugh

