

CURRICULUM VITAE

BUHONG ZHENG

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Experience

Professor of Economics, Department of Economics, CLAS, University of Colorado Denver (since May 2003)

Associate Professor of Economics, Department of Economics, University of Colorado Denver (May 1999 - May 2003)

Assistant Professor of Economics, Department of Economics, University of Colorado Denver (August 1995 - May 1999)

Post Doctoral Fellow, Department of Economics, Finance and Legal Studies, The University of Alabama at Tuscaloosa (August 1993 - May 1995)

Editorship

Co-Editor: *Social Choice and Welfare* (since 2004)

Guest Co-Editor: *Research on Economic Inequality* (Volume 16, 2008)

Associate Editor: *Journal of Economic Inequality* (since 2007)

Education

Doctor of Philosophy (Economics), West Virginia University, July 1993

Master of Arts (Econometrics), Nanjing University, China, October 1986

Bachelor of Science (Mathematics), Nanjing University, China, July 1983

Areas of Interest

Applied Microeconomics, Income Inequality and Poverty, Game Theory, and Statistics & Quantitative Methods

Courses Taught

Graduate Courses: *Microeconomic Theory, Macroeconomic Theory, and Economic Growth & Income Distribution*

Undergraduate Courses: *Principle Microeconomics, Principle Macroeconomics, Intermediate Microeconomics, Intermediate Macroeconomics, and Statistics*

Publications

“Measuring Inequality with Interval Data,” with Steve Beckman and W. James Smith, *Mathematical Social Sciences* 58 (July 2009), 25-34

- “Measuring Inequality with Ordinal Data: A Note,” *Research on Economic Inequality*, Vol 16, JAI Press (2008), 177-188
- “Indices of Poverty,” *International Encyclopedia of the Social Sciences*, second edition, Gale Group (October 2007)
- “Inequality Orderings and Unit Consistency,” *Social Choice and Welfare* 29 (October 2007), 515-538
- “Unit-Consistent Poverty Indices,” *Economic Theory* 31 (April 2007), 113-142
- “Unit-Consistent Decomposable Inequality Measures,” *Economica* 74 (February 2007), 97-111
- “Utility-Gap Dominances and Inequality Orderings,” *Social Choice and Welfare* 28 (February 2007), 255-280
- “The Effects of Race, Income, Mobility and Political Beliefs on Support for Redistribution,” with Steve Beckman, *Research on Economic Inequality*, Vol 14, Elsevier JAI Press (2007), 363-385
- “Poverty Comparisons with Dependent Samples,” *Journal of Applied Econometrics* 19 (May/June 2004), 419-428
- “Mobility Measurement, Transition Matrices and Statistical Inference,” with W. James Smith and John P. Formby, *Journal of Econometrics* 120 (July 2004), 181-205
- “On Intermediate Measures of Inequality,” *Research on Economic Inequality* (a special issue in honor of John P. Formby), Vol 12, JAI Press (2004), 135-158
- “Risk, Inequality Aversion and Biases Born of Social Position: Further Experimental Tests of the Leaky Bucket,” with Steve Beckman, John P. Formby and W. James Smith, *Research on Economic Inequality* (a special issue in honor of John P. Formby), Vol 12, JAI Press (2004), 73-99
- “Economic Growth, Welfare and the Measurement of Social Mobility,” with John P. Formby and W. James Smith, *Research on Economic Inequality*, Vol 9, JAI Press (2003), 105-111
- “*The Distribution and Redistribution of Income* by Peter Lambert (Third Edition, Manchester University Press, 2001),” book review, *Journal of Economic Inequality* 1 (2003), 189-190
- “Testing Lorenz Curves with Non-Simple Random Samples,” *Econometrica* 70 (May 2002), 1235-1243
- “Envy, Malice and Pareto Efficiency: An Experimental Examination,” with S. Beckman, W. James Smith and John P. Formby, *Social Choice and Welfare* 19 (May 2002), 349-367
- “Statistical Inference for Testing Inequality Indices with Dependent Samples,” with Brian J. Cushing, *Journal of Econometrics* 101 (April 2001), 315-335
- “Statistical Inference for Poverty Measures with Relative Poverty Lines,” *Journal of Econometrics* 101 (April 2001), 337-356

- “Poverty Orderings: A Graphical Illustration,” *Social Choice and Welfare* 18 (January 2001), 165-178
- “Sen Measures of Poverty in the United States: Cash versus Comprehensive Incomes in the 1990s,” with John P. Formby and Hoseong Kim, *Pacific Economic Review* (a special issue in honor of A. K. Sen, 2001), 193-210
- “Minimum Distribution-Sensitivity, Poverty Aversion and Poverty Orderings,” *Journal of Economic Theory* 95 (November 2000), 116-137
- “Poverty Orderings,” *Journal of Economic Surveys* 14 (September 2000), 427-446
- “Inequality Orderings, Normalized Stochastic Dominance and Statistical Inference,” with John P. Formby, W. James Smith and V. Chow, *Journal of Business and Economic Statistics* 18 (October 2000), 479-488
- “Reevaluating Differences in Poverty among Central City, Suburban, and Non-metropolitan Areas of the US,” with Brian J. Cushing, *Applied Economics* 32 (March 2000), 653-660
- “On the Power of Poverty Orderings,” *Social Choice and Welfare* 16 (May 1999), 349-371
- “The Coefficient of Variation, Stochastic Dominance and Inequality: A New Interpretation,” with John P. Formby and W. James Smith, *Economics Letters* 62 (March 1999), 319-323
- “Statistical Inferences for Testing Marginal Rank and (Generalized) Lorenz Dominances,” *Southern Economic Journal* 65 (January 1999), 557-570
- “Distribution Sensitive Measures of Poverty in the United States,” with John A. Bishop and John P. Formby, *Review of Social Economy* 57 (September 1999), 306-343
- “Extent of Material Hardship and Poverty in the United States: Comment,” with John A. Bishop and John P. Formby, *Review of Social Economy* 57 (September 1999), 388-399
- “Inference Tests for Gini-Based Tax Progressivity Indices,” with John A. Bishop and John P. Formby, *Journal of Business and Economic Statistics* 16 (July 1998), 322-330
- “Aggregate Poverty Measures,” *Journal of Economic Surveys* 11 (June 1997), 123-162
- “Statistical Inference and the Sen Poverty Index,” with John A. Bishop and John P. Formby, *International Economic Review* 38 (May 1997), 381-387
- “Income and Tax Changes Following the Tax Reform Act of 1986: A General Decomposition,” with John A. Bishop, K. Victor Chow and John P. Formby, *Research on Economic Inequality*, Vol 7, JAI Press (1997), 165-200
- “Regional Income Inequality and Welfare in China: A Dominance Analysis,” with John A. Bishop and John P. Formby, *Asian Economic Journal* 10 (November 1996), 239-269

“Statistical Inference and Decomposable Poverty Indices,” with John A. Bishop and K. Victor Chow, *Bulletin of Economic Research* 47 (December 1995), 329-340

“Statistical Tests of Changes in U.S. Poverty, 1975 to 1990,” with Brian J. Cushing and K. Victor Chow, *Southern Economic Journal* 62 (October 1995), 334-347

“Can A Poverty Index Be Both Relative and Absolute?” *Econometrica* 62 (November 1994), 1453-1458

“An Axiomatic Characterization of the Watts Poverty Index,” *Economics Letters* 42 (September 1993), 81-86

Working Papers and Work in Progress

“Consistent Pro-Poor Measurement”

“The Measurement of Aggregate Flight Delays with an Application to the US data,” with John Bishop and Nicholas Rupp

“Measuring Health Inequality and Health Opportunity in the US and Canada”

“The Measurement of Lifetime Poverty with an Application to the PSID Data,” with Michael Hoy

“China’s Nutrition Intake Inequality: 1991-2004,” with John Bishop and Haiyong Liu

“A Gravitational Measure of Chronic Poverty”

“Do Great Walls Lead to Greater House Values? An Economic Impact Study of Residential Fence Replacement Programs in the Denver Metro Area,” with UCD students

Seminars and Conference Presentations

“A New Approach to Measure Socioeconomic Inequality in Health,” Inequality: New Directions, Cornell University, Ithaca, New York, September 2009

“Measuring Inequality with Interval Data,” the 9th International Meeting of the Society for Social Choice and Welfare, Montreal, Canada, June 2008

“Measuring Health Inequality and Health Opportunity in the US and Canada,” the 2nd International Conference of the Society for the Study of Economic Inequality, Berlin, Germany, July 2007

“Measuring Health Inequality and Health Opportunity in the US and Canada,” the Laval Workshop on Health Inequality, Laval University, Quebec City, Canada, March 2007

“Measuring Health Inequality and Health Opportunity in the US and Canada,” the United Nation WIDER Conference on Health Equity, Helsinki, Finland, September 2006

“The Measurement of Lifetime Poverty,” the 8th International Meeting of the Society for Social Choice and Welfare, Istanbul, Turkey, July 2006

“Utility-Gap Dominances and Inequality Orderings,” University of Guelph, Ontario, Canada, May 2006

“Unit-Consistent Poverty Indices,” Southern Economic Association Annual Meeting, Washington, D.C., November 2005

“Unit-Consistent Decomposable Inequality Measures,” the 7th International Meeting of the Society for Social Choice and Welfare, Osaka, Japan, July 2004

“Mobility Measurement, Transition Matrices and Statistical Inference,” Econometric Society Australian Meeting, Sydney, Australia, July 2003

“Mobility Measurement, Transition Matrices and Statistical Inference,” The University of Melbourne, Australia, July 2003

“Mobility Measurement, Transition Matrices and Statistical Inference,” Australian National University, Canberra, Australia, July 2003

“On Intermediate Inequality Measures,” the 6th International Meeting of the Society for Social Choice and Welfare, Pasadena, California, July 2002

“On Intermediate Measures of Inequality,” University of Colorado at Boulder, April 2002

“On Intermediate Measures of Inequality,” Colorado State University, March 2002

“On Intermediate Measures of Inequality,” University of Guelph, Ontario, Canada, October 2001

“Poverty Comparisons with Dependent Samples,” the United Nation WIDER Conference on Economic Growth and Poverty, Helsinki, Finland, May 2001

“Minimum Distribution-Sensitivity, Poverty aversion and Poverty Orderings,” the 7th International Meeting of the Society for Social Choice and Welfare, Alicante, Spain, July 2000

“Statistical Inferences for the Measurement of Economic Mobility,” Southern Economic Association Annual Meeting, New Orleans, Louisiana, November 1999

“Statistical Inferences for the Measurement of Economic Mobility,” East Carolina University, North Carolina, November 1999

“Minimum Distribution-Sensitivity, Poverty Aversion and Poverty Orderings,” University of Colorado Denver, April 1999

“Minimum Distribution-Sensitivity, Poverty Aversion and Poverty Orderings,” University of Mississippi, January 1999

“Minimum Distribution-Sensitivity, Poverty Aversion and Poverty Orderings,” The University of Alabama, January 1999

“Minimum Distribution-Sensitivity, Poverty Aversion and Poverty Orderings,” Louisiana Tech University, January 1999

“On the Power of Poverty Orderings,” the 4th International Meeting of the Society for Social Choice and Welfare, Vancouver, Canada, July 1998

“Inequality Orderings, Normalized Stochastic Dominance and Statistical Inference,” Econometric Society Winter Meeting, Chicago, January 1998

“Inequality Orderings, Normalized Stochastic Dominance and Statistical Inference,” Southern Economic Association Annual Meeting, Washington, D.C., November 1997

“Economic Growth, Welfare and the Measurement of Social Mobility,” Western Economic Association Annual Meeting, Seattle, Washington, July 1997

“On the Power of Poverty Orderings,” West Virginia University, Morgantown, West Virginia, April 1997

“Statistical Inferences for Testing Inequality Indices with Dependent Samples,” Colorado State University, March 1997

“Inequality Orderings, Normalized Stochastic Dominance and Statistical Inference,” East Carolina University, NC, April 1997

“Regional Income Inequality and Welfare in China: A Dominance Analysis,” Western Economic Association Annual Meeting, San Francisco, California, July 1996

“Income and Tax Changes Following the Tax Reform Act of 1986: A General Decomposition,” Southern Economic Association Annual Meeting, New Orleans, Louisiana, November 1995

Recent Committees and Service Activities

Vice Chancellor’s Advisory Committee for Re-appointment, Tenure and Promotion (VCAC-RTP), University of Colorado Denver, 2007-2010

Dean’s Advisory Committee (DAC), CLAS, University of Colorado Denver, 2005-2007

College Search Committee for Senior Applied Statistician, CLAS, University of Colorado Denver, 2007

Department Seminar Coordinator, Economics Department, University of Colorado Denver, since 2006

Graduate Program Admission Officer, Economics Department, University of Colorado Denver, 2004-2006

Volunteer of the Denver Museum of Nature and Science, 2006-2008

Academic Awards

CRISP Research Grant, College of Liberal Arts and Sciences, University of Colorado Denver, 2008

Excellence in Research Award (campus-wide winner), University of Colorado Denver, 2007

Excellence in Research Award, College of Liberal Arts and Sciences, University of Colorado Denver, 2007

Faculty Sabbatical Fellowship, University of Colorado Denver, 2001-2002

Junior Faculty Development Awards, University of Colorado Denver, 1998-1999

Excellence in Research Award, College of Liberal Arts and Sciences, University of Colorado Denver, 1997

A. J. Dadisman Graduate Award for Outstanding Academic Achievement, College of Business and Economics, West Virginia University, 1993

Theses Advising

Served in four dissertation committees and supervised five undergraduate honor theses

Referee Experience

American Economic Review, Applied Statistics, Bulletin of Economic Research, Canadian Journal of Economics, Econometric Reviews, Econometrica, Econometrics Journal, Economic Inquiry, Economica, Economic Journal, Economic Theory, Economics Letters, Health Economics, International Economic Review, Journal of Econometrics, Journal of Economic Behavior & Organization, Journal of Health Economics, Journal of Public Economics, Mathematical Social Sciences, Metron, Oxford Bulletin of Economics & Statistics, Review of Economic Studies, The Scandinavian Journal of Economics, and Social Choice and Welfare