

July, 2008

CURRICULUM VITAE

TONG LI

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Vanderbilt University
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ACADEMIC POSITIONS HELD:

Chair, Department of Economics, Vanderbilt University, 2008 - .

Professor of Economics, Vanderbilt University, 2005 - .

Associate Professor of Economics, Indiana University, 2003 - 2005.

Assistant Professor of Economics, Indiana University, 1999 - 2003.

Assistant Professor of Economics, Washington State University, 1997 - 1999.

VISITING POSITIONS HELD:

Cowles Foundation, Yale University, April, 2007.

Chinese Academy of Social Sciences, February, 2007.

Center for Applied Economics and Policy Research, Indiana University, November, 2006.

Centre for Microdata Methods and Practice, University College London, UK, May, 2006.

INRA and IDEI, Toulouse, France, September - November, 1996.

EDUCATION:

Ph.D. in Economics, 1997, University of Southern California.

Ph.D. in Mathematics, 1993, University of California, San Diego.

B.S. in Mathematics, 1988, University of Science and Technology of China.

GRANTS AND HONORS:

2003, Winner of the Arnold Zellner Award of *Journal of Econometrics* for the Best Theory Paper Published in 2000 and 2001 for the Paper “Conditionally Independent Private Information in OCS Wildcat Auctions” (Joint with I. Perrigne and Q. Vuong).

2000-2002, National Science Foundation Grant, Sole Principal Investigator.

2000-2001, American Statistical Association Committee on Law and Justice Statistics Grant for Analysis of Data from Bureau of Justice Statistics, Co-Principal Investigator.

1998, the Zellner Award Honorable Mention by the American Statistical Association for the Best Ph.D. Thesis in Business and Economic Statistics.

1998, Washington State University Academic Enrichment and Career Development Award.

1990, Regents Fellowship, University of California, San Diego.

1988, Guo Mu-Ruo Award (for the Best Undergraduate Student in Mathematics), University of Science and Technology of China.

PROFESSIONAL ACTIVITIES:

Associate Editor, *Journal of Econometrics*, 2004 to Present.

Referees: *American Economic Review*, *Canadian Journal of Statistics*, *Econometrica*, *Econometrics Journal*, *Econometric Reviews*, *Econometric Theory*, *Journal of Applied Econometrics*, *Journal of Business and Economic Statistics*, *Journal of Econometrics*, *Journal of Industrial Economics*, *Journal of Nonparametric Statistics*, *Journal of the Royal Statistical Society (Series B)*, *Review of Economics and Statistics*, *Southern Economic Journal*.

Reviewer for Grant Agencies: National Science Foundation, Social Sciences and Humanities Research Council of Canada, Hong Kong Research Grants Council.

Reviewer for *Econometric Analysis*, William Greene, 4th Edition, Prentice Hall Publisher.

Book Proposal Reviewer for Blackwell Publishing.

Member, the Joint Legislative Audit and Review Committee's Technical Advisory Panel to the Workfirst Evaluation of Washington State, 1999.

Invited Discussant, Session of "Empirical Game Models," the North American Summer Meeting of the Econometric Society, Montreal, Canada, June 1998.

Invited Discussant, Session of "Empirical Analysis of Models with Private Information," the North American Winter Meeting of the Econometric Society, Washington D.C., January 2003.

Invited Discussant, the Auction/Procurement Conference, Penn State University, April 2008.

AREAS OF SPECIALIZATION:

Microeconometrics (Theory and Applications), Empirical Industrial Organization.

CURRENT RESEARCH INTERESTS:

Empirical Analysis of Auctions and Contracts, Inference of Structural Econometric Models, Inference of Moment Condition Models, Nonparametric and Semiparametric Methods, Simulation-Based Inference.

TEACHING INTERESTS:

Microeconometrics, Empirical Industrial Organization.

COURSES TAUGHT:

Introductory Econometrics, Intermediate Microeconomics, Statistical Analysis for Business Majors, Statistical Analysis for Honors Students, Econometric Theory for Ph.D. Students, Topics in Microeconometrics.

DISSERTATION COMMITTEE CHAIRED SINCE 1999:

J. Guo (Co-Chair, 2001; First Placement: Corning), C.-M. Chen (2005; First Placement: National Chi-Nan University (Taiwan)), R. Hammond (in Progress), L. Ji (2006; First Placement: International Monetary Fund), H. Zeng (Co-Chair, 2007; First Placement: Deloitte), B. Zhang (in Progress), X. Zheng (2005; First Placement: North Carolina State University).

DISSERTATION COMMITTEE SERVED SINCE 1999:

H. Cho (2002), R. Ferrer (in Progress), P. Hamilton (2002), S.-H. Jeon (2004), S. Kang (2004), H.-D. Lee (2003), S. Lee (2002), C. Li (2005), Y.-C. Lin (2005), J. Park (2004), S. Park (2008), M. Ryan (2000), P. Scholten (2003), J. Schwartz (2003), C. She (2004), T. Trafton (in Progress), W. Wang (2002), J. Wu (in Progress), T. Ziacik (2002), D. Zimmer (2004).

CONFERENCE PRESENTATIONS:

European Meeting of the Econometric Society, Istanbul, Turkey, August 1996.

North American Winter Meeting of the Econometric Society, New Orleans, USA, January 1997.

North American Summer Meeting of the Econometric Society, Montreal, Canada, June 1998.

Midwest Econometrics Group Annual Meeting, Ames, Iowa, USA, October 1999.

Clarence E. Tow Conference on Applied Research Concerning Auctions and Mechanism Designs, University of Iowa, Iowa City, USA, May 2000.

The 8th World Congress of the Econometric Society, Seattle, USA, August 2000.

Midwest Econometrics Group Annual Meeting, Chicago, USA, October 2000.

North American Winter Meeting of the Econometric Society, New Orleans, USA, January 2001.

Workshop on Structural Econometric Models, Stanford Institute for Theoretical Economics, July 2003.

North American Winter Meeting of the Econometric Society, San Diego, USA, January 2004.

Midwest Econometrics Group Annual Meeting, Evanston, USA, October 2004.

The 9th World Congress of the Econometric Society, London, UK, August 2005.

CIREQ Conference on Auctions, Montreal, Canada, October 2005.

North American Winter Meeting of the Econometric Society, Boston, USA, January 2006.

Conference on the Econometrics of Auctions in Tribute to J.-J. Laffont, Toulouse, France, May 2006.

Far Eastern Meeting of the Econometric Society, Beijing, China, July 2006.

The Summer Workshop in Industrial Organization and Management Strategy, Singapore, July 2008.

Far Eastern Meeting of the Econometric Society, Singapore, July 2008.

INVITED SEMINARS:

1996: IDEI and GREMAQ, Toulouse, France.

1997: New York University, Rutgers University, University of Toronto, York University, Hong Kong University of Science and Technology, Washington State University.

1998: University of California, Riverside, University of Southern California, Indiana University (Department of Economics).

1999: University of Washington.

2000: Indiana University (Department of Business Economics and Public Policy), University of Kansas, Ohio State University, Purdue University.

2002: Pennsylvania State University, University of Texas at Austin, Rice University.

2003: University of Michigan, Michigan State University, University of Pittsburgh/Carnegie Mellon University.

2004: Texas A&M University.

2005: Vanderbilt University.

2006: University of British Columbia, University of Southern California, University of Chicago, University of Texas at Austin, Rice University, University College London, University of Cambridge, London School of Economics, University of Pennsylvania, Indiana University, University of Michigan, Harvard University.

2007: University of Tennessee, Hong Kong University of Science and Technology, Yale University.

2008: Remin University of China, Triangle (Duke, University of North Carolina, and North Carolina State) Econometrics Workshop.

DEPARTMENT AND UNIVERSITY SERVICES:

At WSU:

Member of the Department Graduate Studies Committee, 1997 - 1999.

Member of the Department Visiting Speakers Committee, 1997 - 1999.

At IU:

Member of the Time Series Econometrician Recruiting Committee, 1999 - 2001.

Member of the Empirical IO Recruiting Committee of the Department of Business Economics and Public Policy of Kelley School of Business, 2001 - 2002.

Member of the Applied Microeconomics Recruiting Committee, 2003 - 2004.

Member of the Recruiting Committee for Sociology, Anthropology, Statistics, Psychology, Economics and Research Appointment, 2003 - 2004.

Coordinator of Econometrics Workshop, 2003 - 2005.

Member of the Department Graduate Studies Committee, 2000 -2005.

Member of the Department Faculty Review Committee, 2003 - 2005.

Member of the Committee of Applied Statistics in Social Science, College of Arts and Sciences, 2003 - 2005.

At Vanderbilt:

Coordinator of Empirical Economics Workshop, 2005 - .

Member of the Senior Recruiting Committee, 2005 - 2006.

Chair of the Senior Recruiting Committee, 2006 - 2007.

Member of the Policy Evaluation and Planning Committee, 2007 - .

Member of the Recruiting Committee, 2007 - 2008.

Department Chair, 2008 - .

REFEREED PUBLICATIONS:

- [1] “Multi-Round Procurement Auctions with Secret Reserve Prices: Theory and Evidence,” with L. Ji, *Journal of Applied Econometrics*, forthcoming.
- [2] “Indirect Inference in Structural Econometric Models,” *Journal of Econometrics*, forthcoming.
- [3] “Semiparametric Bayesian Inference for Dynamic Tobit Panel Data Models with Unobserved Heterogeneity,” with X. Zheng, *Journal of Applied Econometrics*, forthcoming.
- [4] “Econometrics of First-Price Auctions with Entry and Binding Reservation Prices,” *Journal of Econometrics*, 126, 173-200, May 2005.
- [5] “Modeling the Differences in Counted Outcomes using Bivariate Copula Models with Application to Mismeasured Counts,” with A.C. Cameron, P.K. Trivedi and D.M. Zimmer, *The Econometrics Journal*, 7, 566-584, 2004.
- [6] “Robust Estimation of Generalized Linear Models with Measurement Errors,” with C. Hsiao, *Journal of Econometrics*, 118, 51-65, January - February 2004.
- [7] “Modeling Response Bias in Count: A Structural Approach with an Application to the National Crime Victimization Survey Data,” with P.K. Trivedi and J. Guo, *Sociological Methods and Research*, 31, 514-544, May 2003.
- [8] “Timber Sale Auctions with Random Reserve Prices,” with I. Perrigne, *The Review of Economics and Statistics*, 85, 189-200, February 2003.
- [9] “Semiparametric Estimation of the Optimal Reserve Price in First-Price Auctions,” with I. Perrigne and Q. Vuong, *Journal of Business and Economic Statistics*, Vol. 21, No. 1, 53-64, January 2003.

- [10] “Robust and Consistent Estimation of Nonlinear Errors-in-Variables Models,” *Journal of Econometrics*, Vol. 110, Issue 1, 1-26 (Lead Article), September 2002.
- [11] “Structural Estimation of the Affiliated Private Value Auction Model,” with I. Perrigne and Q. Vuong, *RAND Journal of Economics*, Vol. 33, No. 2, 171-193 (Lead Article), Summer 2002.
- [12] “Poisson Regression Models with Errors-in-Variables: Implication and Treatment,” with J. Guo, *Journal of Statistical Planning and Inference*, Vol. 104, No. 2, 391-401, 2002.
- [13] “Buying Healthcare Quality with Grants and Donations,” with R. Rosenman, *Health Care Management Science*, Vol. 5, No. 1, 25-32, 2002.
- [14] “Estimating Hospital Costs with a Generalized Leontief Function,” with R. Rosenman, *Health Economics*, Vol. 10, Issue 6, 523-538, 2001.
- [15] “Simulation-Based Estimation of the Structural Errors-in-Variables Negative Binomial Regression Model with an Application,” with J. Guo, *Annals of Economics and Finance*, Vol. 2, 101-122, 2001.
- [16] “Cost Inefficiency in Washington Hospitals: A Stochastic Frontier Approach Using Panel Data,” with R. Rosenman, *Health Care Management Science*, Vol. 4, Issue 2, 73-81 (Lead Article), 2001.
- [17] “Conditionally Independent Private Information in OCS Wildcat Auctions,” with I. Perrigne and Q. Vuong, *Journal of Econometrics*, Vol. 98, Issue 1, 129-161, 2000.
- [18] “Estimation of Nonlinear Errors-in-Variables Models: A Simulated Minimum Distance Estimator,” *Statistics and Probability Letters*, Vol. 43, No. 3, 243-248, April 2000.
- [19] “Grants and Cost Shifting in Outpatient Clinics,” with R. Rosenman and D. Friesner, *Applied Economics*, Vol. 32, 835-843, 2000.
- [20] “Nonparametric Estimation of the Measurement Error Model Using Multiple Indicators,” with Q. Vuong, *Journal of Multivariate Analysis*, Vol. 65, No. 2, 139-165, May 1998.
- [21] “Using All Bids in Parametric Estimation of First-Price Auctions,” with Q. Vuong, *Economics Letters*, Vol. 55, Issue 3 (12), 321-325, Sept. 1997.

BOOK REVIEWS:

Review of *An Introduction to the Structural Econometrics of Auction Data*, by H.J. Paarsch and H. Hong, *Econometric Reviews*, forthcoming.

Review of *Econometric Analysis of Cross Section and Panel Data*, by J. Wooldridge, MIT Press, *Journal of Economic Literature*, Vol. 40, 1239-1241, 2002.

PUBLICATIONS IN PROCEEDINGS:

“Estimation of the Structural Errors-in-Variables Poisson Regression,” with J. Guo, Proceedings of the Business and Economic Statistics Section of the American Statistical Association, 80-84, 2000.

PAPERS SUBMITTED:

[1] “Simulation Based Selection of Competing Structural Econometric Models,” Revised and Resubmitted.

[2] “Entry and Competition Effects in First-Price Auctions: Theory and Evidence from Procurement Auctions,” with X. Zheng, Revised and Resubmitted. (Formerly Titled “Procurement Auctions with Entry and Uncertain Number of Actual Bidders: Theory, Structural Inference, and an Application.”)

[3] “Semiparametric Estimation in Models of First-Price, Sealed-Bid Auctions with Affiliation,” with H.J. Paarsch and T.P. Hubbard, Submitted.

[4] “Information Acquisition or/and Bid Preparation: A Structural Analysis of Entry and Bidding in Timber Sale Auctions,” with X. Zheng, Submitted.

[5] “A New Class of Asymptotically Efficient Estimators for Moment Condition Models,” with Y. Fan, Submitted.