

# Nan-Ting Chou

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## Curriculum Vitae

### Office:

Department of Economics  
College of Business  
University of Louisville  
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### EDUCATION

**Ph.D.:** Economics, The Ohio State University, March 1986.  
**M.A.:** Economics, The Ohio State University, December 1984.  
**B.A.:** Economics, National Taiwan University, June 1978.

### ACADEMIC AND PROFESSIONAL APPOINTMENTS

Associate Professor, Department of Economics, University of Louisville, August 1995 - Present

Primary responsibilities involve teaching and research. Conduct research in areas of financial market, marketing analysis, and China's economy.

Consultant, GE Capital/Card Service Information Management, Phoenix Arizona, 1998  
Collected and analyzed payment patterns of delinquent private-labeled cardholders. Built models to predict/simulate the likelihood of payment under reaffirmation. Estimated the NPV of reaffirmation for different strategies

Consultant, Bank of Louisville, Louisville Kentucky, summer 1996

Designed a profitability simulation model to estimate the average profit of various types of accounts. The model was used by the bank as a major input for its pricing strategy and product design.

Assistant Professor, Department of Economics, University of Louisville, August 1991 - June 1995

Primary responsibilities involve teaching and research.

Economist, Market Analysis and Forecasting, AT&T, June 1990 - August 1991

Responsible for modeling and forecasting the demand and revenue for operator

handled and calling card calls. Additionally accountable for competitive assessments to identify market share losses, and support functions for various departments.

Assistant Professor, Economics Department, Texas Tech University, August 1986 - August 1991

Primary responsibilities involve teaching, research and directing Ph.D. students in their dissertations. Courses taught include Advanced Macroeconomic Analysis, Empirical Studies in Macroeconomics and Price and Income Theory at the graduate level; and Intermediate Macroeconomics, Money and Banking at undergraduate level.

Visiting Assistant Professor, Economics Department, Southern Methodist University, August 1985 - May 1986

Taught undergraduate level courses, *Intermediate Macroeconomics*, and *Money and Banking*. Directed graduate students in their research.

Graduate research assistant and teaching assistant, Economics Department, The Ohio State University, September 1980 - June 1985

Collected data and analyzed results of working projects.

Taught undergraduate level courses, assisted professor's research in econometrics.

Researcher, Central Bank of the Republic of China, October 1979 - July 1980

Prepared annual performance reports and income statements. Analyzed the international money markets and presented the results to the Chairman of the Central Bank.

## **PUBLICATIONS (REFEREED JOURNALS)**

1. "Dynamic Coupling Analysis of Urbanization and Water Resource Utilization Systems in China" (with H. Ma and L. Wang), *Sustainability*, 2016, 8(11), 1176; doi:[10.3390/su8111176](https://doi.org/10.3390/su8111176)
2. "China's Water Utilization Efficiency: An Analysis with Environmental Considerations" (with H. Ma and C. Shi), *Sustainability*, 2016, 8(6), 516; doi:[10.3390/su8060516](https://doi.org/10.3390/su8060516)
3. "The Evolution of the Weekend Effect in US Markets" (with D. Olson and C. Mossman), *The Quarterly Review of Economics and Finance*, Vol. 58, No. 4, 2016, pp. 56-63.
4. "Rates of Return on Capital across the World: Are They Converging?" (with A. Izyumov and J. Vahaly), *Cambridge Journal of Economics*, Vol. 40, No. 4, 2016, pp.1149-1166.
5. "Bivariate Count Data Regression Models – A SAS Macro Program" (with D. Steenhard),

*Papers of SAS Global Forum 2011, Paper 355-2011,*  
<http://support.sas.com/resources/papers/proceedings11/355-2011.pdf>

6. "A Flexible Count Data Regression Model Using SAS<sup>®</sup> PROC NL MIXED" (with D. Steenhard), *Papers of 2009 SAS Global Forum*, paper 250-2009.  
<http://support.sas.com/resources/papers/proceedings09/250-2009.pdf>
7. "Cyclical Patterns and Structural Changes in the Louisville Area Economy since 1990" (with P. Coomes), *Regional Economic Development*, Vol. 1, No.1, 2005, pp. 17-29.
8. "Small Enterprise Development: Evidence from China." (with R. Chi). *Small Enterprise Development*, Vol. 14, No. 2, 2003, pp.48-55.
9. "The Stages and Features of Small Enterprise Development in China." (with R. Chi). *Small Enterprise Research*, Vol. 10, No. 2, 2002, pp. 62-71.
10. "The Enclave Effect on Education of Immigrants: Evidence from US data." (with A. Izyumov, P. Coomes, and B. Nahata). *Journal of International Migration and Integration*, Vol. 3, No. 1, 2002, pp. 17-39.
11. "The Efficiency of the Price system: Evidence from an Alternative market ", (with R. DeGennaro and R. Sauer). *Applied Economic Letters*, Vol. 7, 2000, pp.703-706.
12. "Random Walks in World Money Rates", (with W. H. Dare, W. Dukes and K. C. Ma). *Journal of Business Finance & Accounting*, Vol. 23, December 1996, pp.1453-1465.
13. "Regime Changes in Stock Returns", (with R. DeGennaro). *Journal of Business Finance & Accounting*, Vol. 21, No. 1, 1994, pp. 93-108.
14. "Desertification Control: Costs and Benefits", (with H. E. Dregne). *Desertification Control Bulletin*, Number 22, 1993, pp. 21-26.
15. "Global Desertification Dimensions and Costs", (with H.E. Dregne). In *Degradation & Restoration of Arid Lands*, edited by H.E. Dregne, Texas Tech University, 1992, pp. 249-285.
16. "An Alternative Monetary Policy Target: The New Benchmark Divisia Monetary Index", *Applied Economics*, 1991, Vol. 23, pp. 1699-1705.
17. "The New Benchmark Divisia Monetary Index." *The Journal of Economics and Finance*, Vol. 13, No. 2, 1989, pp. 113-120.
18. "Comparing the Predictive Ability of Simple-sum and Divisia Monetary Aggregates," *The Journal of Economics*, Vol. 13, January 1988, pp. 30-36.

## PUBLICATIONS (OTHERS)

1. "Day Trader Behavior and Performance: Evidence from the Taiwan Futures Market" (with T. Y. Cheng, H. C. Li, K. A. Watkins), *Papers of 21<sup>st</sup> Conference on the Theories and Practices of Securities and Financial Markets*, 2013, <http://sfm.finance.nsysu.edu.tw/pdf/2013pdf/053-232309857.pdf>
2. "Discipline: Measuring and Linking it to the Profitability of Retail Traders" (with T. Cheng, K. Watkins), *Papers of 20<sup>st</sup> Conference on the Theories and Practices of Securities and Financial Markets*, 2012
3. "Stages in the Life of Weekend Effect" (with D. Olson and C. Mossman), *Proceedings of 19<sup>th</sup> Annual Conference on the Theories and Practices of Securities and Financial Markets*, December 9-10, 2011.
4. "Innovation Efficiency of Firms in China" (with R. Chi), *Proceedings of 2008 Asian-Pacific Productivity Conference*, July 16-20, 2008, paper: APFC 92.
5. "An Investigation of Stock Market Anomalies: the Weekend Effect" (with D. Olson and C. Mossman), *Proceedings of 15<sup>th</sup> Annual Conference on the Theories and Practices of Securities and Financial Markets*, December 14-15, 2007.
6. "Life Cycle of the Weekend Effect" (with D. Olson and C. Mossman), *Proceedings of 14<sup>th</sup> Annual Conference on the Theories and Practices of Securities and Financial Markets*, December 15-16, 2006.
7. "Designing Information-service Products: A hierarchical Bayesian Approach", (with D. Steenhard). *Papers of SouthEast Users Group Annual Conference*, October 8-10, 2006, pp. 1-9.
8. "Using SAS/IML to Perform Hierarchical Bayes Estimation for Discrete Choice Modeling", (with D. Steenhard). *Papers of Western Users of SAS Software Tenth Annual Conference*, September 4-6, 2002, pp. 146-150.
9. "Is There a Life Cycle for Seasonal Stock Market Anomalies?" (with D. Olson, and C. Mossman). *Proceedings of the 11th Conference on the Theories and Practices of Securities and Financial Markets*, December 14-15, 2002. Academic Session 12: Stock Market Behavior (2).
10. "Genetic Algorithm Using SAS/IML", (with D. Steenhard). *Papers of Western Users of SAS Software Ninth Annual Conference*, September 5-7, 2001, pp. 196-202.
11. "One the Disappearance and Persistence of Seasonal Anomalies ", (with D. Olson, and C. Mossman). *Proceedings of the 9th Conference on the Theories and Practices of Securities and Financial Markets*, December 16-17, 2000. Academic Session 6: Behavior Finance (I).

12. "Long Range Economic and Demographic Forecasting in Support of Local Land Use", (with P. Coomes and M. Price). *Proceedings of forty-second North American Meeting of Regional Science Association International*, Cincinnati, October 1995, pp. 22-23.
13. "A Cross Cultural Study of the Effects of Processing Product Information Containing Country-of-Origin", (with P. Sauer and M. Young). *Proceedings of 1995 Marketing Science Conference*, Sydney, Australia, July, 1995. p.35.
14. "Assessing Consumer Sentiment Toward Marketing in a Developing Country: Some Evidence from China" *Papers of 1995 American Marketing Association Winter Educators' Conference*, San Diego, February 1995. pp. 323-330.
15. "Business and the Environment: A Benefit/Cost Approach", *Proceedings of 1995 International Chinese Environmental Protection Conference*, San Francisco, January 20-22, 1995, pp.6:84-91.
16. "Business Versus the Environment: A Benefit/Cost Framework for Designing Environmental Policy", *Proceedings of Inaugural Conference of the Centre for the Study of Business Values*, Hong Kong, June 1-3, 1994, pp. 78-83.
17. "Central Deposit Insurance Corporation of China," Research papers #14, *International Relations of Republic of China*, May 1991.
18. "An Effective and Sound CDIC: Lessons from the U.S. Savings and Loan Insurance Crisis," *proceedings of 1990 Chinese American Academic and Professional Convention*, July 1990, pp. 150-152.
19. "Regime Changes in Stock Returns," *working paper #8915*, Federal Reserve Bank of Cleveland, December 1989.