

CURRICULUM VITAE

Siu Fai LEUNG

Address: Department of Economics
Hong Kong University of Science and Technology
Clear Water Bay, Kowloon
HONG KONG

Phone: (852) 2358-7618
Fax: (852) 2358-2084
Email: sfleung@ust.hk

EDUCATION

University of Chicago, Ph.D. (Economics), 1987
University of Chicago, M.A. (Economics), 1985
University of Hong Kong, B.Soc.Sc. (Economics), 1982

EMPLOYMENT

Professor, Hong Kong University of Science and Technology, 2007-
Director, Center for Economic Development, Hong Kong University of Science and
Technology, 2009-2011
Associate Director, Center for Economic Development, Hong Kong University of
Science and Technology, 2007-2008
Associate Professor, Hong Kong University of Science and Technology, 1995-2007
Acting Department Head, Department of Economics, Hong Kong University of
Science and Technology, July 1, 2001 – December 31, 2001
Research Associate, Rochester Center for Economic Research, 1988-
Associate Professor, University of Rochester, 1994-1998
Assistant Professor, University of Rochester, 1988-1994
Post-Doctoral Fellow, University of Chicago, 1987-1988
Instructor, University of Chicago, 1987
Research Officer, University of Hong Kong, 1983
Demonstrator, University of Hong Kong, 1982-1983

FIELDS OF SPECIALIZATION

Applied Microeconomics
Health Economics, Household Behavior and Family Economics,
Labor and Demographic Economics, Law and Economics
Applied Econometrics
Cross-Sectional Data

PH.D. DISSERTATION

“A Theoretical and Empirical Analysis of the Effects of Parental Sex Preferences on Fertility,” 1987

(Committee: Gary Becker (chair), James Heckman, Thomas Mroz)

FELLOWSHIPS, SCHOLARSHIPS, ACADEMIC HONORS

Winner, Franklin Prize for Teaching Excellence, Hong Kong University of Science and Technology, Fall 2005

Runner-up, Franklin Prize for Teaching Excellence, Hong Kong University of Science and Technology, Fall 2000 and Spring 2004

Post-Doctoral Fellowship, University of Chicago, 1987-1988

Pew Teaching Fellow, University of Chicago, 1986-1988

Bradley Foundation Fellowship, 1986-1987

University of Chicago Fellowship, 1984-1988

American University Club of Hong Kong Fellowship, 1983-1984

PUBLICATIONS

1. Leung, Siu Fai. “On Tests for Sex Preferences.” *Journal of Population Economics* 1 (1988): 95-114
2. Leung, Siu Fai, and Wong, Wing Hung. “Nonparametric Hazard Estimation with Time-Varying Discrete Covariates.” *Journal of Econometrics* 45 (1990): 309-330
3. Leung, Siu Fai. “How to Make the Fine Fit the Corporate Crime? An Analysis of Static and Dynamic Optimal Punishment Theories.” *Journal of Public Economics* 45 (1991): 243-256
4. Leung, Siu Fai. “Transversality Condition and Optimality in a Class of Infinite Horizon Continuous Time Economic Models.” *Journal of Economic Theory* 54 (1991): 224-233
5. Leung, Siu Fai. “A Stochastic Dynamic Analysis of Parental Sex Preferences and Fertility.” *Quarterly Journal of Economics* 106 (1991): 1063-1088
6. Leung, Siu Fai. “Optimality for Controlled Jump Processes: A Simple Approach.” *Economic Theory* 3 (1993): 765-774
7. Leung, Siu Fai, and Phelps, Charles. “My Kingdom for a Drink ...'? A Review of Estimates of the Price Sensitivity of Demand for Alcoholic Beverages.” In *Economics and the Prevention of Alcohol-Related Problems*, NIAAA Research Monograph No. 25, edited by Michael Hilton and Gregory Bloss. Rockville, MD: National Institute on Alcohol Abuse and Alcoholism, 1993, pp. 1-29

8. Leung, Siu Fai. "An Economic Analysis of the Age-Crime Profile." *Journal of Economic Dynamics and Control* 18 (1994): 481-497
9. Leung, Siu Fai. "Uncertain Lifetime, the Theory of the Consumer, and the Life Cycle Hypothesis." *Econometrica* 62 (1994): 1233-1239
10. Leung, Siu Fai. "Will Sex Selection Reduce Fertility?" *Journal of Population Economics* 7 (1994): 379-392
11. Leung, Siu Fai. "Dynamic Deterrence Theory." *Economica* 62 (1995): 65-87
12. Leung, Siu Fai. "A Distinction between Continuous-time and Discrete-time Models of Uncertain Lifetime." *Economics Letters* 47 (1995): 291-296
13. Leung, Siu Fai, and Yu, Shihti. "On the Choice between Sample Selection and Two-Part Models." *Journal of Econometrics* 72 (1996): 197-229
14. Leung, Siu Fai, and Yu, Shihti. "How Effective are the RESET Tests for Omitted Variables?" *Communications in Statistics – Theory and Methods* 29 (2000): 879-902
15. Leung, Siu Fai, and Yu, Shihti. "Collinearity and Two-step Estimation of Sample Selection Models: Problems, Origins, and Remedies." *Computational Economics* 15 (2000): 173-199
16. Leung, Siu Fai. "Why Do Some Households Save So Little? A Rational Explanation." *Review of Economic Dynamics* 3 (2000): 771-800
17. Leung, Siu Fai. "The Life-cycle Model of Saving with Uncertain Lifetime and Borrowing Constraint: Characterization and Sensitivity Analysis." *Mathematical Social Sciences* 42 (2001): 179-201
18. Leung, Siu Fai, and Yu, Shihti. "The Sensitivity of the RESET Tests to Disturbance Autocorrelation in Regression Analysis." *Empirical Economics* 26 (2001): 721-726
19. Leung, Siu Fai. "The Dynamic Effects of Social Security on Individual Consumption, Wealth, and Welfare." *Journal of Public Economic Theory* 4 (2002): 581-612
20. Chen, Kong-Pin; Leung, Siu Fai; and Chiang, Shin-Hwan. "Migration, Family, and Risk Diversification." *Journal of Labor Economics* 21 (2003): 353-380
21. Cheng, Leonard K.; Leung, Siu Fai; and Ma, Zihui. "Revealed Comparative Advantages and Intra-regional Trade of the World's Three Major Regions: 1980-1995." In *Critical Issues in China's Growth and Development*, edited by Yum K. Kwan and Eden S. H. Yu. Hampshire, England: Ashgate Publishing, 2004, pp.108-130
22. Leung, Siu Fai. "The Existence, Uniqueness, and Optimality of the Terminal Wealth Depletion Time in Life-cycle Models of Saving under Uncertain Lifetime and Borrowing Constraint." *Journal of Economic Theory* 134 (2007): 470-493

23. Leung, Siu Fai. "An Economic Application of the Dubovitskii-Milyutin Version of the Maximum Principle." *Optimal Control, Applications and Methods* 28 (2007): 435–449
24. Leung, Siu Fai. "Cake Eating, Exhaustible Resource Extraction, Life-cycle Saving, and Non-Atomic Games: Existence Theorems for a Class of Optimal Allocation Problems." *Journal of Economic Dynamics and Control* (forthcoming)

MONOGRAPH

Cheng, Leonard K., and Leung, Siu Fai. *Aspects of Market Integration in APEC: Trade, Foreign Direct Investment and Labor Migration*. Singapore: APEC Secretariat, February 1999

WORKING PAPERS

Leung, Siu Fai, and Yu, Shihti. "Survey Response Bias and the Determinants of Substance Use." July 2006

Leung, Siu Fai; Leung, Michael C. M.; and Yeung, Raymond Y. T. "Can Medical Savings Accounts Improve Welfare?" November 2006

Leung, Siu Fai, and Yu, Shihti. "The Consumption of Legal and Illegal Substances: Onset, Initiation Timing, and Interdependence." April 2007

PROFESSIONAL MEMBERSHIPS

American Economic Association
Chinese Economic Association in North America (CEANA)

PROFESSIONAL SERVICES

Member, Program Committee, 2009 Far East and the South Asia Meeting of the Econometric Society, August 3-5, 2009

Member, Business Studies Sub-Panel, Research Grants Council of Hong Kong, October 2008 - June 2010

Member, Small and Medium Enterprises Development Fund Vetting Committee, Trade and Industry Department, HKSAR Government, 2008-2010

Member, Hong Kong Committee for Pacific Economic Cooperation, 2004-2006, 2006-2008

Member, Technical Working Group on Impact Analysis of Fees and Charges Revision, Health, Welfare, and Food Bureau of the HKSAR Government, 2005

Member, Health Care Financing Study Group, Health, Welfare, and Food Bureau of the HKSAR Government, 2002-2004

Consultant to ERM Hong Kong Limited on “Regulatory Impact Assessment on Labelling Scheme on Nutrition Information.” 2004-2005

Consultant to the Hong Kong Hospital Authority on “The Review of Hospital Authority Fees and Charges Restructuring.” 2000-2002

Consultant to the Government of the Hong Kong Special Administrative Region on “Aspects of Market Integration in APEC: Trade, Foreign Direct Investment and Labor Migration.” 1997-1999

Consultant to the Government of the Hong Kong Special Administrative Region on “Trade Unions and Collective Bargaining.” 1997

External Examiner, Chinese University of Hong Kong, 1998, 2007

Vice President, Chinese Economic Association in North America (CEANA), 1997-1998

Program Chair, 1998 CEANA-ASSA Annual Meetings in Chicago, January 3-5, 1997

Reviewer,
American Economic Review, Demography, Econometrica, Econometric Journal, Econometric Reviews, International Economic Review, Journal of Applied Econometrics, Journal of Development Economics, Journal of Econometrics, Journal of Economic Dynamics and Control, Journal of Economic Theory, Journal of Law, Economics, and Organization, Journal of Environmental Economics and Management, Journal of Human Resources, Journal of Political Economy, Journal of Population Economics, Journal of Risk and Insurance, Optimal Control, Applications and Methods, Quarterly Journal of Economics, Pacific Economic Review, Review of Economics and Statistics, Southern Economic Journal,
 Blackwell Publishing, Dryden Press, McGraw Hill,
 Research Grants Council, University Grants Committee of the Hong Kong Special Administrative Region

COMMUNITY SERVICES

Member, Board of Directors, Fellowship of Evangelical Students, 2001-2003

Member, Board of Directors, Breakthrough Ltd., 2004-2008

Member, Board of Directors, The Youth Foundation, 2004-2008

HOBBIES

Member, Staff Association Basketball Team, Hong Kong University of Science and Technology, 2004-