

CHEW SOO HONG

Chair Professor

Department of Economics, School of Business Management
Hong Kong University of Science and Technology

Education

- 1981 Ph.D., Interdisciplinary studies (areas: mathematics, economics, and management science), The University of British Columbia
- 1977 M.A., Mathematics, Claremont Graduate School
- 1975 – 1976 Physics major, Harvey Mudd College
- 1973 – 1975 Mathematics major, University of London (External)
- 1975 Full Technological Certificate in Telecommunications, City & Guilds of London, Institute

Professional Experience

- Jul 2005 – present Chair Professor, Hong Kong University of Science and Technology
- Jul 1998 – Jun 2005 Professor, Hong Kong University of Science and Technology
- Fall 1998 – present Co-Director, center for Experimental Business Research (<http://cebr.ust.hk>)
- Jul 1995 – Mar 1999 Professor, University of California, Irvine
- Jul 1991 – Jun 1995 Associate Professor, University of California
- Jul 1984 – Jun 1991 Assistant Professor, Johns Hopkins University
- Jun 1980 – Jul 1984 Assistant Professor, University of Arizona

Representative publications (*as corresponding author)

- Zhong S, Israel S, Xue H, Sham P, Ebstein R, and Chew SH*. “A Neurochemical Approach to Valuation Sensitivity over Gains and Losses.” *Proceedings of the Royal Society B: Biological Sciences*, forthcoming.
- Zhong S, Chew SH*, Set E, Zhang J, Xue H, Sham P, Ebstein R, and Israel S, “The heritability of attitude towards economic risk”, *Twin Research and Human Genetics*, Volume 12 Number 1 (2009): 103–107
- Chew SH, Li KK, R. Chark, and Zhong S, "Source preference and ambiguity aversion: Models and Evidence from Behavioral and Neuroimaging Experiments", *Neuroeconomics*, Houser and McCabe (eds), Elsevier: Advances in Health Economics and Health Services Research, 2008
- Chew SH and J. S. Sagi, “Small Worlds: Modeling attitudes toward Sources of Uncertainty”, *Journal of Economic Theory* 139 (2008) 1-24
- Chew SH and Serizawa S, “Characterizing the Vickrey Combinatorial Auction by Induction”, *Economic Theory* 33 (2007): 393-406
- Chew SH and J. S. Sagi, “Event Exchangeability: Probabilistic Sophistication without Monotonicity or Continuity”, *Econometrica* 74 (2006): 771-786
- Chew SH and G. Tan, “The Market for Sweepstakes”, *Review of Economic Studies* 72 (2005): 1009-1029
- Chew SH and N. Nishimura, “Revenue Non-Equivalence between the English Auction and the Second-Price Auction: Experimental Evidence” *Journal of Economic Behavior and Organization* 51 (2003): 443-458

- Chew SH and K. Konrad, "Bandwagon Effects in Two-Party Majority Voting" *Journal of Risk and Uncertainty* 16 (1998): 165-172
- Chew SH and L. Herk, "Incremental Risk Aversion and Diversification Preference" *Journal of Economic Theory* 70 (1996): 180-200
- Chew SH and P. Wakker, "The Comonotonic Sure-Thing Principle" *Journal of Risk and Uncertainty* 12 (1996): 5-27
- Chew SH and Mao M.H., "A Schur-Concave Characterization of Risk Aversion for Non-Expected Utility Preferences" *Journal of Economic Theory* 67 (1995): 402-435
- Chew SH and J.L. Ho, "Hope: An Empirical Study of Attitude toward the Timing of Uncertainty Resolution" *Journal of Risk and Uncertainty* 8 (1994): 267-288
- Chew SH and E. Karni, "Choquet Expected Utility with a Finite State Space: Commutativity and Act-Independence", *Journal of Economic Theory* 62 (1994): 469-479
- Chew SH, L.G. Epstein and U. Segal, "The Projective Independence Axiom" *Economic Theory* 4 (1994): 189-215
- Chew SH and N. Nishimura, "Differentiability, Comparative Statics and Non-Expected Utility Preferences" *Journal of Economic Theory* 56 (1992): 294-312
- Chew SH, L.G. Epstein and P. Wakker, "A Unifying Approach to Axiomatic NonExpected Utility Theory: Correction and Comment" *Journal of Economic Theory* 59 (1992): 183-188
- Chew SH, L.G. Epstein and U. Segal, "Mixture Symmetry and Quadratic Utility" *Econometrica* 59 (1991): 139-163
- Chew SH and L.G. Epstein, "Recursive Utility under Uncertainty" in *Economic Analysis with an Infinite Number of Commodities*, Khan and Yanellis (eds.), Springer-Verlag, 1990
- Chew SH and L.G. Epstein, "Non-Expected Utility and Temporal Decision Making with Application to Consumption-Savings Behavior" *Journal of Economic Theory* 50 (1990): 54-81
- Chew SH, "Axiomatic Utility Theories with the Betweenness Property" *Annals of Operations Research* 19 (1989): 273-298
- Chew SH and L.G. Epstein, "A Unifying Approach to Axiomatic Non-Expected Utility Theory" *Journal of Economic Theory* 49 (1989): 207-240
- Chew SH and L.G. Epstein, "Axiomatic Rank-Dependent Means" *Annals of Operations Research* 19 (1989): 299-309
- Chew SH and L.G. Epstein, "The Structure of Preferences and Attitudes towards the Timing of the Resolution of Uncertainty" *International Economic Review* 30 (1989): 103-117
- Chew SH, L.G. Epstein and I. Zilcha, "A Correspondence Theorem between Expected Utility and Smooth Utility" *Journal of Economic Theory* 46 (1988): 186-193
- Chew SH and L.G. Epstein, "The Law of Large Numbers and the Attractiveness of Compound Lotteries" *Journal of Risk and Uncertainty* 1 (1988): 125-132
- Chew SH, E. Karni and Z. Safra, "Risk Aversion in the Theory of Expected Utility Theory with Rank-Dependent Probabilities" *Journal of Economic Theory* 42 (1987): 370-381
- Chew SH and W.S. Waller, "Empirical Tests of Weighted Utility Theory" *Journal of Mathematical Psychology* 30 (1986): 55-72
- Chew SH, Mao M.H. and S.S. Reynolds, "Rotating Credit Collusion in Repeated Auctions with a Single Buyer and Several Sellers" *Economics Letters* 16 (1984): 1-6
- Chew SH, "A Generalization of the Quasilinear Mean with Application to the Measurement of Income Inequality and Decision Theory Resolving the Allais Paradox" *Econometrica* 51 (1983): 1065-1092

Research grants

HKUST School of Business Management Emerging High-Impact Area Research Grant, “Neuroeconomics of Decision Making”, July 2004 – present

University Grants Council, Earmarked Research Project entitled, “Understanding Individual Identity: Theoretical Modeling, Experimental Validation, and Application,” (with J.S. Sagi) July 2, 2003 – June 30, 2006

University Grants Council, Group Research Award entitled, “Bargaining, Coordination, and Public Good Provision in Experimental Markets,” July 1998 – December 2001.

University Grants Council, Earmarked Research Project entitled, “Decision Making under Ill-Defined Uncertainty,” October 1997 – December 2000, Hong Kong

National Science Foundation research grant, Economics Program, research project entitled “Non-Expected Utility Theories: Axiomatizations and Applications,” (with L. Epstein) 1988-1991

National Science Foundation research grant, Economics Program, research project entitled “Theoretical Analysis of Intertemporal Economic Decisions in the Presence of Uncertainty,” (with L. Epstein) 1986-1988

National Science Foundation research grant, Decision and Management Science Program, research project entitled “Empirical Validation of An Axiomatic Generalization of Expected Utility Theory,” 1982-1985

Honors

- The Leonard J. Savage Award, 1982
- Best Doctoral Dissertation Award, Institute for Decision Sciences, 1982
- Best Theoretical/Empirical Research Paper Award, Institute for Decision Sciences, 1982