

# ECONOMICS

## List of Research Staff

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### Professor Emeritus:

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C.S. SOPER  
L.R. WEBB

## **Research in Progress**

### **MACROECONOMIC ANALYSIS**

Learning in real business cycle models - J.D.C. Thomson

An intellectual history of the consumption function - N. Olekalns and R. Maddock

Testing for price asymmetries using international data - N. Olekalns, J.N. Lye and H. Sibly

Inflation and unemployment - I.M. McDonald and J.N. Lye

### **ECONOMETRICS AND QUANTITATIVE TECHNIQUES**

Robustness of unit root tests - G.C. Lim, V.L. Martin and P. Silvapulle

Relative price elasticities from the second moments of demand - J.G. Hirschberg

The reparameterization of regression models subject to exact linear restrictions - J.G. Hirschberg and D.J. Slottje

Bootstrapping confidence intervals for linear programming efficiency scores: with an illustration using Italian banking data - J.G. Hirschberg and G.D. Ferrier

A cluster analysis of the quality of life in the United States over time - J.G. Hirschberg and E. Maassoumi and D.J. Slottje

The bootstrap covariance of price elasticities for a translog production function - J.G. Hirschberg

A method for clustering parameter estimates - J.G. Hirschberg

### **FINANCIAL MARKETS AND MONETARY POLICY**

Australian readings in money, banking and financial markets - P.J. Stemp and J. Milne-Pott (editors)

Monetary policy in Australia leading up to the 1995/96 federal budget - P.J. Stemp

Interactions between fiscal and monetary policy under inflation targeting - P.J. Stemp and W.M. Scarth

Non-linear characterisation of asset price dynamics - G.C. Lim and V.L. Martin

Asset prices and the transmission of monetary policy - G.C. Lim

Risk aversion and interest rate smoothing in credit markets - N. Olekalns and H. Sibly

Modelling monetary policy - G.C. Lim and I.M. McDonald

## **INTERNATIONAL ECONOMICS**

China's foreign trade reform and its impact - X-G. Zhang

Modelling the real exchange rate - G.C. Lim

Industry impact of trade policy changes under dynamic imperfect competition conditions - N.R. Norman

## **LABOUR ECONOMICS**

Another perspective on analysing discrimination and wage differential decomposition - J.G. Hirschberg

Modelling heteroscedasticity in earnings functions - J.G. Hirschberg, J.N. Lye, V.L. Martin and D. Slottje

The distribution of earnings in Australia - J.I. Borland

Employment in manufacturing industry in Australia - J.I. Borland

## **ECONOMICS OF INDUSTRY**

The simulation of concentration and diversity measures from firm-level financial data - J.G. Hirschberg

Policy towards foreign investment in Australia - A.W. Gunther

Competition, signalling and trade practices law - N.R. Norman

## **PUBLIC ECONOMICS**

The functional dimension of markets: market definition - R.L. Smith

Safety services: implicit valuation by type of crime - J.G. Hirschberg, M. Davis, S. Grosskopf and K. Hayes

Public sector expenditure and economic growth - N. Olekalns

Rational addiction to alcohol - N. Olekalns and P. Bardsley

## **MICROECONOMIC THEORY**

Towards a theory of grocery retailing - J. Milne-Pott and R.L. Smith

Contract theory - J.I. Borland

Matching and assignment models - J.I. Borland

## **HOUSEHOLD ECONOMICS**

Economies of scale of energy use in adult-only households - D.S. Ironmonger, C.K. Aitken and B. Erbas

Random time sampling - S.M. Donath, D.S. Ironmonger and C.K. Aitken

Economies of scale in household production - D.S. Ironmonger, C.K. Aitken and B. Erbas

Household expenditure surveys and time use surveys - C.K. Aitken, D.S. Ironmonger and M. Bittman

Benchmarking and best practice for urban waterway management - C.K. Aitken

Results of an international benchmarking study of stormwater pollution control - C.K. Aitken

End-use elasticities - J.G. Hirschberg

## **ACTUARIAL STUDIES**

Superannuation, taxation and equity - D.M. Knox

Projection of Australian superannuation - D.M. Knox

Predictive aggregate claims distributions - D.C.M. Dickson and B. Zehnirith

The distribution of the duration of negative surplus - D.C.M. Dickson

Optimal reinsurance retention levels - D.C.M. Dickson

## **ENVIRONMENTAL ECONOMICS**

Can economics take the heat out of global warming? - D.M. Alden

Climate change, trade liberalization and world agriculture: the regional economic impacts - D.M. Alden

## **ECONOMICS OF ASIA**

A dynamic CGE model of the Chinese economy - X-G. Zhang