# ANNUAL REPORT 2003

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2003: Summary

At the beginning of the year we welcomed two new professors: Prasada Rao, who came to us from the University of New England, and John Quiggin from the ANU, who is the first ARC Federation Fellow in Economics. In the course of the year, Associate Professor Bob Jackson retired after a distinguished career dedicated to research and scholarship in economic history. Associate Professor Tony Makin was away on unpaid leave of absence in 2003 as a senior consultant to the International Monetary Fund. Again the School was fortunate to be able to host a stream of distinguished academic visitors. Among them were Professor Lorne Carmichael (Queen's), Stan Metcalfe (Manchester) and Kurt Dopfer (St Gallen). A number of our staff gave external presentations in a range of different contexts, with John Quiggin offering the largest and most diverse set of contributions.

Both in terms of quantity (as measured in DEST points) and quality (as measured in SSCI journal impact scores), the publications of the School were ranked firmly in the top three in Australia in 2003. As is appropriate in a research intensive university such as UQ, all the staff were research active, attracting funds through no less than twenty five research grants of which ten were funded by the Australian Research Council. This was a ‘best ever’ result for the School and, again, clearly ranks the School in the Australian top three. To further strengthen the School’s research capabilities, the new Centre of Efficiency and Productivity Analysis (CEPA) commenced in January 2003 under the Directorship of Professor Prasada Rao. This Centre has made a very strong start and now provides an ideal complement to the very successful Centre for Economic Policy Modelling (CEPM) under the Directorship of Professor John Mangan.

Postgraduate study continued to be extremely important in the School with seventy seven candidates undertaking higher degree research in 2003. Eleven PhD candidates graduated during the year. The School has had long lasting and deserved reputation for its B.Econ(Hons) advanced programme in economics scholarship and research. It has produced a long list of very distinguished graduates over the years. The honours graduates of 2003 were some of the best the School has ever produced and there is little doubt that University Medallists, Anthony Rossiter and Simon Quinn, will make a significant impact in their chosen careers.

On the evidence provided by this Report, it is safe to conclude that the School had one of its best ever years in 2003 in all aspects of its activities. Both the academic staff and the general staff in the School should be congratulated for achieving so many successes, particularly in an unfavourable university funding climate that resulted in student/staff ratios being far from ideal.

Professor John Foster
Head of School
Mission Statement

MISSION
The School of Economics is committed to maintaining a high standard in economic research, teaching, community service and professional service.

Research Objectives
- To develop research capabilities across the broad range of economics of particular benefit to Queensland and Australia.
- To develop expertise in selected areas of research in which the School aims to have a leading Australian or international position.
- To work in emerging, or ‘frontier’, areas of theoretical and empirical research.
- Towards these ends, the School seeks to maintain a high publication rate in refereed journals and other publications of academic and professional significance. It will reward staff according to research performance and will appoint staff committed to fostering research. The School will promote research in collaboration with other universities and research bodies.

Teaching Objectives
- To maintain the highest standards in teaching, in the development and transmission of knowledge and of research skills.
- To reward staff with high levels of teaching performance and graduate supervision.
- The School emphasises both rigour in economic analysis and comprehensive training in the application of economic statistics. It offers a range of courses necessary to ensure that our students receive a high quality degree and will be employable in both the public and private sectors.

Community and Professional Service
- To provide community services in the economics area, particularly in Queensland, in fulfilment of our professional obligations to the community. Community service can be shown in several ways. For example, by appropriate types of contract research, consulting, contributions to conferences dealing with community issues, radio and newspaper contributions.
- The School recognises its prominence as a professional teaching and research body in Queensland, and the obligations this brings in providing professional leadership in the State and, where appropriate, nationally and internationally.
GOALS
The Mission Statement leads to the following specific goals that form the basis of the School’s Strategic Plan.

1. To produce high quality research and scholarship and to publish in internationally refereed journals.

2. To maintain the highest academic standards in all our teaching programs.

3. To produce a strong flow of the highest quality professional and academic economists from our BEcon Honours, Masters by coursework, PhD and MPhil programs.

4. To produce a strong flow of BEcon graduates with economic skills that will make them highly effective and successful in a range of managerial, administrative and advisory occupations.

5. To ensure excellence in teaching in all our undergraduate and graduate programs.

6. To be recognised internationally as a ‘top three’ School of Economics in Australia.

7. To meet the needs of other Schools in the University for economics instruction in their respective programs in a responsive and innovative way.

8. To provide high quality information and advice to the University, the community and the economics profession.

9. To maintain a close and ongoing relationship with our alumni through participation in alumni events and the dissemination of materials informing alumni of activities and developments in the School.

10. To efficiently manage the resources of the School and to ensure financial viability in the future.
School Staff 2003

Professors
Harry F. Campbell, MA St Andrews, PhD Queens
Tim Coelli, BAppEcon, DipCompSci, PhD UNE
John Foster, BA(Hons) Cov Poly, MA(Econ) Manc., PhD Manc. FASSA
John Mangan, MEcon Qld., DipEd Qld., MA Lancaster, PhD Lancaster
John Quiggin, BA ANU, B Econ ANU, MEcon ANU, PhD ANU, FASSA
Prasada Rao, BA And., MA And., PhD iStatl, FASSA
Clement A. Tisdell, BCom(Econ) NSW, PhD ANU, FASSA

Readers / Associate Professors
Dr Richard P.C. Brown, MCom Natal, MA East Anglia, PhD Groningen
Dr Chris Doran, B Econ(Hons) Newcastle, PhD Newcastle
Dr Joseph C.H. Chai, DipCom New Asia Coll., DipVolkswirt FU Berlin, Dr rer Pol FU Berlin
Dr George E. Docwra, B Econ (Hons), MEc Syd, DipEd Syd, PhD Qld
Dr Stephen R. Harrison, QDA Qld Agr College, B AgrSc(Hons) Qld, B Econ Qld, PhD Qld
Dr Robert V. Jackson, B Econ Syd, PhD Syd
Dr Anthony J. Makin, BA Qld, B Econ Qld, MEc ANU, PhD ANU
Dr G.B. Mehta, BA Bom, MA Berkley, PhD Berkley
Dr Paul C. Riethmuller, B AgrSc Qld, MEcon Qld, PhD Minnesota
Dr Kartik C. Roy, BA(Hons) Calc, MA(PolEc) Calc, PhD Gujarat, MEconSt Qld, PhD Qld
Dr Guy West, B Econ(Hons) Qld, MEconSt Qld, PhD Qld

Senior Lecturers
Dr Mohammad Alauddin, MA Rajshahi, Bangladesh, MEcon Adel, PhD Newcastle(NSW)
Dr John Asafu-Adjaye, BSc Ghana, MSc Aston, PhD Alberta
Dr Philip M. Bodman, BA, MA Essex, PhD Queens
Mr L.A. Duhs, B Econ(Hons) Qld, BA Qld, MA Sus
Dr Peter Earl, BA(Econ)(Hons) Camb, MA, PhD Cambridge
Dr Sukhan Jackson, BA(Hons) Malaya, GradCertEd Hull, PhD Griff
Dr Bruce Littleboy, B Econ(Hons) Qld, PhD Qld
Dr Tom D. Mandeville, BScAg Alberta, MEcon NE, PhD Qld
Dr Chris O’Donnell, B AgrEc(Hons) NE, MCom NSW, PhD Syd
Dr Alicia Rambaldi, BRuralSc Córdoba, MSc Louisiana, PhD Luisiana
Dr Jon D. Stanford, B Econ(Hons) Qld, PhD Leic, FSIA
Lecturers
Mr Rodney Beard, BA *Griff*, Diploma-Volkswirt *Konstanz*
Mrs Averil Cook, BSc Syd, DipEd Syd, MEconSt Qld
Mr Maurice Dwyer, BEcon Qld, MQual Qld, MEconSt Qld
Dr Gareth Leeves, BSc(Econ)(Hons) *Leics*, MSc(IndRel) *Bath*, PhD *UNSW*
Dr Renuka Mahadevan, BSc *Nat Uni Sing.*, DipEd *Inst Ed, Sing.*, MEcon ANU, PhD ANU
Dr Colin Nicholson, BCom(Hons) *Newcastle(NSW)*, GDipEconStats UNE, PhD Qld, BTh SFC, CPA
Dr Jason Potts, BCom(Hons) *Otago*, PhD *Lincoln*
Dr Jacqueline Robinson, BA *UWA*, DipEd *UWA*, BEcon Qld, MEconSt Qld, PhD Qld
Dr Kam-Ki Tang, BSc(Hons) *HKU*, GDipAppEc *Macquarie*, MEc ANU, PhD ANU
Mr Leopoldo Yanes, BA(Econ) *UCAB*, MSc(Econ) LSE
Dr Jie Zhang, BA(Econ) *Sichuan*, MBA Nankai, MA(Econ) W. Ont., PhD W. Ont.

Associate Lecturer
Dr James Laurenceson, BEcon(Hons) Qld, PhD Qld

Chief Scientific Officer
Mr Noel K. Fletcher, BEcon Qld, DipInfmProcessing Qld, MEconSt Qld

Postdoctoral Research Fellow
Dr Jungo Suh, BA(Econ) *Dongguk*, MA (PolSci & Econ) *Songnam*, PhD Qld
Dr Clevo Wilson, BA *Peradeniya*, MPhil Cambridge, MSc Glasgow, PhD St. Andrews

Honorary Research Consultants
Emer Prof Rodney C. Jensen, Professor Emeritus, QDAH Qld.AC, QDA Qld.AC, QDH Qld.AC, AEd Qld., BEcon Qld., MAgec NE, PhD Qld.
Dr Neil D. Karunaratne, BA Ceyl., MA Delhi, PhD Sus.
Dr A. George Kenwood, BA Sheff., PhD Lond.
Emer Prof H.M. (Ted) Kolsen, BEc Syd., PhD Lond.

Honorary Professor
Prof J. Stan Metcalfe, CBE, BA(Econ) *Manchester*, MSc Manchester

Honorary Associate Professor
Dr Robert A. Cage, BS(Hons) *Portland State*, MA Oregon, PhD Glasgow
Adjunct Professors

Dr Sally Driml, BSc(Hons) Griffith, MRegSc Qld, PhD ANU
Dr John Fallon, BEcon(Hons) Qld, MA(Econ) Western Ontario, PhD Western Ontario
Mr A. Mark Gray, BEcon (Hons) Qld
Dr Peter McCawley, BEcon(Hons) Qld, PhD ANU

Administrative Staff

Margaret Cowan (Office Manager & Secretary to Head of School)
Marion Tomes, BA (Qld) (School Executive Officer)
Amy Lindley (Marketing Officer) resigned 30/5/03
Leonard Fitzpatrick, BCom (GU), GDipAppFin (Sec Inst) (Marketing and International Relations Officer)
Craig Mosely (Administrative Officer – Web Management)
Rachel Tutton, BEcon (Qld) (Administrative Officer – 1st Year Tutorial Programs)
Julie Waldon (Administrative Officer – Graduate Programs)
Marie Keynes (Enquiries Office Supervisor)
Gloria Barr (Enquiries Office) resigned 10/03
Margaret Bell (Enquiries Office) commenced 17/11/03
Lauren Vincent (Enquiries Office) commenced 17/6/02
Genevieve Larsen, BSc(AppPhys) (UT Syd) (Administrative Assistant)
Sue Hickey (Administrative Assistant) commenced 28/4/03
Kaelene Matts (Administrative Assistant)
Suzanne Scott (Administrative Assistant)
Staff Profiles

Professor
Harry F. Campbell,
MA (St Andrews), PhD (Queens)

Areas of Expertise
• natural resource economics
• public finance and cost-benefit analysis
• microeconomic theory
• applied econometrics

Current Research Interests
• commercial fisheries in Australia and Pacific region
• recreational fisheries evaluation
• forest policy
• cost of public funds in Australia

Professional Membership
• International Institute of Fisheries Economics and Trade (President)
• Economic Society of Australia

Professor
Tim Coelli
BAppEc DipCompSci, PhD (UNE)

Areas of Expertise
• econometrics
• production economics
• productivity and efficiency analysis

Current Research Interests
• econometric estimation of distance functions
• performance measurement for regulation
• performance measurement in developing country agriculture
• primal measures of scope economies
• public sector performance measurement
• aggregation of productivity measures

Professional Membership
• Journal of Productivity Analysis (Editorial Board)
• Agricultural Economics (Editorial Advisory Board)
Areas of Expertise
- macroeconomics and its applications in monetary economics
- labour economics
- regional economics

Current Research Interests
- the macroeconomy as a complex adaptive system
- application of self-organisation theory to statistical/econometric modelling in the presence of structural transition
- the theory of competition and competition policy
- legal and regulatory interactions with the process of economic evolution

Professional Membership
- Academy of Social Sciences in Australia (Fellow)
- Clare Hall College, Cambridge (Life Member)
- ESRC Centre for Research on Innovation and Competition
- University of Manchester (Distinguished Associate)
- The University of Queensland Academic Board and its Standing Committee (Member)

Areas of Expertise
- labour economics
- regional economics
- industrial economics

Current Research Interests
- non-standard employment
- unpaid for working time

Professional Membership
- International Journal of Manpower (Editorial Board)
- Australasian Journal of Regional Studies (Joint Editor)
- Focus on Economics (Co-editor for Oxford University Press)
- Research Director, Labour Market Research Group (DETIR)
- Economic Modelling Advisory Group (Queensland Treasury) Member
- Labour Market Focus Group (Queensland Treasury) Member
- Jobs Policy Council for Queensland (Member)
Areas of Expertise
- applications of microeconomics to fields such as natural resource economics, managerial and decision economics, environmental (especially ecological) economics, social economics and development economics

Current Research Interests
- ecological and environmental economics
- economics of natural resource management, especially management of living resources
- aquaculture economics
- economics of tourism
- optimally imperfect decisions and the economic consequences of imperfection
- science and technology policy
- economic development problems particularly in Asia and in small South Pacific states
- issues in managerial economics

Professional Membership
- Academy of Social Science in Australia (Fellow)
- International Association of Aquaculture Economics and Management (President)
- Honorary Professor, People’s University of China
- Applied Economic Letters (Editorial Board)
- Australian Journal of Regional Studies (Editorial Board)
- The Middle East Business and Economic Review (Editorial Board)
- Aquaculture Economics and Management (Co-editor)
- Contemporary Economic Policy (Editorial Board)
- Gajah: The Journal of the IUCN Asian Elephant Specialist Group (Editorial Board)
- Journal of Economic Surveys (Editorial Board)
- International Journal of Social Economics (Editorial Board)
- Journal of Defence Economics (Editorial Board)
- Ecological Economics (Editorial Board)
- Prometheus (Editorial Board)
- Economic Administration (Editorial Board)
- Southeast Asian Review (Editorial Board)
- South Asian Development Studies (Editorial Board)
Professor John Quiggin
BA (ANU), BEcon (ANU), MEcon (ANU), PhD (ANU), FASSA
ARC Federation Fellow

Areas of Expertise
• risk and uncertainty
• environmental and resource economics
• agricultural economics
• microeconomic reform
• economic theory

Current Research Interests
• Murray-Darling Basin
• state-contingent models of production and finance
• uncertainty and sustainability
• Australian Economic Policy

Professional Membership
• Academy of Social Sciences in Australia (Fellow)
• American Agricultural Economics Association (Fellow)
• Australian Institute of Company Directors (Fellow)
• Australian Economic Papers (Member, Editorial Board)
• Australian Journal of Agricultural and Resource Economics (Member, Editorial Board)
• Economic and Labour Relations Review (Member, Editorial Board)
• Journal of Economic and Social Policy (Member, Editorial Board)
• Journal of Economic Behavior and Organization (Member, Editorial Board)
• Journal of Risk and Uncertainty (Member, Editorial Board)

Professor Prasada Rao
BA (And), MA (And), PhD (IStatl), FASSA

Areas of Expertise
• applied econometrics
• index numbers
• income distributions and inequality measurement

Current Research Interests
• international comparisons of real income, output and productivity
• measurement of regional and global inequality
• metafrontier models
• purchasing power parities for global and regional poverty measurement
• consistent space-time comparisons of real income
• agricultural productivity, growth and poverty

Professional Membership
• Academy of Social Sciences of Australia (Fellow)
• International Association for Research in Income and Wealth
• International Statistical Institute
• Econometric Society
**Associate Professor Dr Richard P.C. Brown, MCom (Natal), MA (East Anglia), PhD (Groningen)**

**Areas of Expertise**
- applied development econometrics
- cost-benefit analysis
- international resource flows

**Current Research Interests**
- international labour migration in the Asia Pacific region
- evaluation of public and private sector projects
- valuation of multiple-use natural resources using discrete choice modelling methodologies

**Associate Professor Chris Doran, BEcon(Hons) Newcastle, PhD Newcastle**

**Areas of Expertise**
- economic evaluation
- pharmacoeconomics
- health policy
- project design and implementation

**Current Research Interests**
- disease modelling and cost-effectiveness
- illicit opioid use in developed countries
- measuring poverty in Vietnam
- cost-effectiveness of dose administered aids
- contingent valuation and alcohol harm

**Associate Professor Dr Joseph C.H. Chai, Dipl Volkswirt (FU Berlin), Dr rer Pol (FU Berlin)**

**Areas of Expertise**
- growth and development
- trade and foreign direct investment
- income distribution
- transitional economies

**Current Research Interests**
- reform of Chinese state-owned enterprises
- China’s modernisation experience, trade, environment and foreign direct investment in the Asia-Pacific region

**Associate Professor Dr George E. Docwra, MEc (Syd), DipEd (Syd), PhD (Qld) Honours Coursework Advisor**

**Areas of Expertise**
- microeconomic policy
- regulatory economics
- industrial organisation
- transport economics

**Current Research Interests**
- Australian transport policy
- government regulation of industry
- cost-recovery in the transport sector
- electricity markets
- regulation of greenhouse gas emissions
- telecommunications
Associate Professor
Dr Stephen R. Harrison,
QDA (Qld Agr College),
BAgrSc (Qld), BEcon (Qld),
PhD (Qld)

Areas of Expertise
- natural resource and environmental economics
- statistical methods
- operations research

Current Research Interests
- economics of forestry, recreation, water resources and energy
- animal health economics

Professional Membership
- Economic Analysis and Policy (Editor)

Associate Professor
Dr Robert V. Jackson,
BEc (Syd), PhD (Syd)

Areas of Expertise
- Australian and British economic history and demography

Current Research Interests
- economic inequality
- wage structures
- Australian living standards
- the economics of convict transportation
- Bentham’s writings on Australia

Associate Professor
Dr Anthony J. Makin,
BA (Qld), BEcon (Qld), MEc
(ANU), PhD (ANU)
Chair Graduate Studies
Committee

Areas of Expertise
- open economy macroeconomics
- macroeconomic policy
- international finance

Current Research Interests
- capital and interest rate theory
- the effectiveness of fiscal and monetary policy in the open economy
- foreign investment, exchange rate and external account determination

Professional Membership
- Agenda Editorial Board
- Economic Analysis and Policy (Associate Editor)
- Australian Pacific Economic Cooperation Council (Member)

Associate Professor
Dr G.B. Mehta,
BA (Bom), MA (Berkley), PhD
(Berkley)

Areas of Expertise
- economic theory
- Keynesian economics
- philosophy and history of economic thought
**Associate Professor**

**Dr Paul C. Riethmuller,**
BAgrSc (Qld), MEcon (Qld),
PhD (Minnesota), GCEd (Qld)

**Graduate Coursework Advisor, Graduate Coordinator**

- **Areas of Expertise**
  - applied microeconomics, specifically agricultural economics

- **Current Research Interests**
  - Japanese agricultural policies
  - the Japanese distribution system
  - livestock industries in Asia

**Associate Professor**

**Dr Kartik C. Roy,**
MA(Econ) (Calc), MA(PolEc) (Calc), PhD (Gujarat),
MEconSt (Qld), PhD (Qld)

- **Areas of Expertise**
  - economic theory
  - money banking and international finance
  - development planning
  - international trade and development economics
  - Australian economy
  - comparative economic systems and development
  - industrial relations
  - human resource development
  - environment and development
  - technological change and rural poverty
  - women’s studies
  - Asia-Pacific & Sub-Saharan economies

**Associate Professor**

**Dr Guy West,**
BEcon (Qld), MEconSt (Qld),
PhD (Qld)

- **Areas of Expertise**
  - regional economic modelling

- **Current Research Interests**
  - the theory and application of interindustry models particularly in an integrated spatial econometric framework
  - nature of economic structure at the regional and national levels
  - regional economic projection, planning and growth

**Professional Membership**

- Centre for Economic Policy Modelling – Deputy Director
Areas of Expertise
- applied microeconomics
- trade and development

Current Research Interests
- applications of quantitative techniques to industry and agriculture
- applications of input-output analysis and social accounting matrix
- Australia’s foreign economic relations with countries of Asia and the Pacific
- economics of environment and sustainable development
- aquaculture economics

Areas of Expertise
- environmental and natural resource economics
- quantitative methods
- computable general equilibrium (CGE) modelling

Current Research Interests
- economic and environmental policy analysis of Asia Pacific economies
- modelling of Australia’s information economy using CGE
- dynamic consumer demand modelling
- modelling of ecological and economic systems

Areas of Expertise
- macroeconomics
- applied econometrics
- international macroeconomics
- labour economics

Current Research Interests
- econometric modelling and dating of business cycles
- GDP and unemployment and international influences on the Australian economy
- intertemporal analysis of the sustainability of deficits
- the relationships between trade, education, migration and economic growth
- labour market matching and labour market efficiency
- the economics of education, unemployment and the NAIRU
- trade union membership
- regional and international factor flows
- income distribution
- empirical aspects of fiscal federalism
- the economics of crime
Senior Lecturer
Mr L.A. Duhs,
BEcon (Qld), BA (Qld), MA (Sus)

Areas of Expertise
- social economics
- economic development
- methodology of the social sciences

Current Research Interests
- development economics
- reforms in the tertiary education sector
- economic philosophy
- applied macroeconomics
- the Queensland economy

Senior Lecturer
Dr Peter Earl,
MA, PhD (Cambridge)

Areas of Expertise
- economic psychology
- growth of knowledge approaches to the firm
- the contributions of five heterodox economists and their places in the history of economic thought – Andrews, Richardson, Shackle, Simon and Scitovsky
- post-Keynesian monetary economics
- links between the areas of heterodox economics

Current Research Interests
- introspective research methods and their application to economics
- business economics in terms of connections and complex systems

Lecturer
Dr Sukhan Jackson,
BA (Malaya), GradCertEd (Hull), PhD (Griff)
Graduate Coursework Advisor

Areas of Expertise
- the economy of China
- international health in developing countries
- industrial relations
- labour economics
- political economy

Current Research Interests
- labour and industrial relations in China
- public health economics in developing countries
- industrialisation in developing countries

Senior Lecturer
Dr Bruce Littleboy,
BEcon (Qld), PHD (Qld)

Areas of Expertise
- macroeconomic theory and policy, especially modern re-evaluations of Keynesian economics
- Keynes’ political, economic and social philosophy

Current Research Interests
- philosophy and methodology of economics
- history of macroeconomic theory, social economics, economics and postmodernity
Senior Lecturer
Dr Tom D. Mandeville,
BScAg (Alberta), MEcon (NE),
PhD (Qld)

Areas of Expertise
- economics information and knowledge
- economics of innovation and information technology
- economics of intellectual property
- regional economics

Current Research Interests
- implications and policy issues of the communication superhighway and e-commerce
- knowledge policy and management
- creative industries
- the new, collaborative, networked economy
- complexity theory and self organisation
- knowledge and innovation
- diffusion processes

Senior Lecturer
Dr Chris O’Donnell
BAgEc(Hons)(NE), MCom
(NSW), PhD (Syd)

Areas of Expertise
- applied econometrics
- efficiency and productivity analysis
- production economics
- consumer demand analysis

Current Research Interests
- equality- and inequality-constrained estimation
- Bayesian model averaging
- estimation of state-contingent production frontiers

Professional Membership
- Australian Journal of Agricultural and Resource Economics (Co-editor)
- Journal of Agriculture and Food Industrial Organization (Associate Editor)

Senior Lecturer
Dr Alicia Rambaldi,
BRuralSc (Córdoba), MSc
( LSU), PhD (LSU)

Areas of Expertise
- time series econometrics
- applied econometrics

Current Research Interests
- dynamic panel data models
- state space models and the Kalman filter
- incomplete panels
Senior Lecturer
Dr Jon D. Stanford,
B Econ (Qld), PhD (Leic), FSIA

Areas of Expertise
- monetary and financial economies and economic policy

Current Research Interests
- economics of emerging financial markets
- prudential regulation of financial institutions
- economic analysis of legal rules and the new Global Financial Architecture
- the economics of superannuation

Professional Membership
- Economic Society of Australia (Qld) Inc. (Immediate Past President)
- Economic Society of Australia (Qld) Inc. (Life Member)
- Economic Analysis and Policy, (Chair, Editorial Board)
- JASSA – The Journal of the Securities Institute of Australia, (Member of Editorial Board)
- Securities Institute of Australia (Fellow)

Senior Lecturer
Dr Jie Zhang,
BA(Econ) (Sichuan), MBA (Nankai), MA(Econ) (Western Ontario), PhD (Western Ontario)

Areas of Expertise
- macroeconomics
- economic growth
- developments in economics
- public finance

Current Research Interests
- impacts and optimal designs of public policy in the areas of taxation, regulation, government debt, social security, social welfare and education subsidies
- impacts of demographic changes such as population aging and rising longevity on saving, investment, retirement age and growth
- urbanization, population transition and institutional changes in the development process

Lecturer
Mr Rodney Beard,
BA (Griff), Diploma-Volkswirt (Konstanz)

Areas of Expertise
- game theory and mathematical economics
- econometrics
- operations research
- experimental economics
- computational economics
- dynamic game theory
- optimal control theory
- stochastic differential games
- nonparametric and continuous time econometrics
- Monte-Carlo methods

Current Research Interests
- agricultural resource and financial economics
- the theory of Rural Organization
- public goods
-common property
-institutions
Lecturer

Mrs Averil Cook,
BSc (Syd), DipEd (Syd),
MEconSt (Qld)

Areas of Expertise
• non-market evaluation
• travel cost analysis

Current Research Interests
• non-market valuation
• recreation and tourism
• tertiary teaching and learning

Lecturer

Mr Maurice Dwyer
BEcon (Qld), MEconSt (Qld)

Areas of Expertise
• labour economics
• applied econometrics

Current Research Interests
• the dynamics of labour market adjustment
• labour market modelling

Lecturer

Dr Gareth Leeves,
BSc(Econ) (Leics), MSc
(Bath), PhD (UNSW)

Areas of Expertise
• productivity growth analysis
• time series and panel data analysis
• computable general equilibrium modelling

Current Research Interests
• applied econometrics work related to policy issues and
development economics in Asia Pacific economies

Lecturer

Dr Renuka Mahadevan,
BSc (Nat Uni Singapore),
DipEd (Inst Ed, Singapore),
MEcon (ANU), PhD (ANU)
Lecturer
Dr Colin Nicholson
BCom (Newcastle),
GDipEconStats (UNE),
PhD (Qld), BTh (SFC),
CPA

Current Research Interests
• welfare economics
• environmental economics
• aspects of social and political philosophy in economics
• history of economic thought
• comparative economics
• growth and development economics
• management of financial institutions
• macroeconomic theory and policy

Areas of Expertise
• economic evolution

Lecturer
Dr Jason Potts,
BCom (Otago), PhD (Lincoln)

Current Research Interests
• history of economic thought
• evolutionary microeconomics and multi-agent simulation
  modelling
• complexity theory
• the economics of technological and institutional change
• Post-Keynesian monetary theory
• the theory of expectations and learning
• the theory of the firm
• Post-Schumpeterian economics and algorithmic dynamics
• the theory of networks and applications of graph theory
• the connective and structural geometry of economic space

Areas of Expertise
• applied natural resource management and evaluation of public
  sector investment projects utilising cost-benefit, input-output and
  multiple criteria analysis

Lecturer
Dr Jacqueline Robinson,
BA (UWA), DipEd (UWA),
BEcon (Qld), MEconSt
(Qld), PhD (Qld)

Current Research Interests
• the development of decision-support techniques to assist
  participatory decision-making
Lecturer
Dr Kam-Ki Tang,
BSc (HKU), GDipAppEc (Macquarie), MEc (ANU),
PhD (ANU)

Areas of Expertise
• macroeconomic modelling
• international economics

Current Research Interests
• inflation and inequality
• foreign direct and portfolio investment
• international financial centres

Associate Lecturer
Dr James Laurenceson,
BEcon (Hons), PhD (Qld)

Areas of Expertise
• finance in economic development
• Asian economies
• microeconomics

Current Research Interests
• China’s international financial integration
• Japan’s contemporary economy
• teaching and learning of economics

Professional Membership
• Association of Chinese Economic Studies (Australia)
• Australia-Japan Society (Queensland)

Chief Scientific Officer
Mr Noel K. Fletcher,
BEcon (Qld), DionfoProcessing (Qld),
MEmcSt (Qld)

Academic Advisor
(Undergraduate Students)
in the Faculty of Business,
Economics and Law

Current Research Interests
• application of computers to problem solving
• computer simulation
• sample survey design
• econometrics
• tourism studies
Postdoctoral Research Fellow
Dr Clevo Wilson, BA (Peradeniya), MPhil (Cambridge), MSc (Glasgow), PhD (St. Andrews)

Areas of Expertise
- environmental and ecological economics
- natural resource economics
- development economics
- tourism economics

Current Research Interests
- environmental and development economics
- agricultural pollution, health economics (especially health effects of pollution), ecotourism (tourism economics), marine and natural resource economics
- wildlife, forest, nature reserve and national parks valuation

Postdoctoral Research Fellow
Dr Jungho Suh, BA(Econ)(Dongguk), MA (PolSci & Econ)-(Songnam), PhD (Qld)

Areas of Expertise
- natural resource economics
- choice modelling

Current Research Interests
- timber marketing in North Queensland
- non-market values of national parks in Korea

Honorary Research Consultant
Rodney C. Jensen, AEd (Qld), BEcon (Qld), MAgEc (NE), PhD (Qld)
Professor Emeritus, The University of Queensland

Areas of Expertise
- regional economics
- urban economics
- other applications of microeconomics
- general regional science

Current Research Interests
- the theory and application of input-output models
- the nature of economic structure at the urban and regional levels
- public finance aspects of local government
- regional planning and growth
- local economic development approaches and methods
- the methodology of regional science
Honorary Research Consultant
Dr Neil D. Karunaratne, BA (Ceyl), MA (Delhi), PhD (Sus), FIS (London), AMBIM (ret. 30/6/02)
Honours Coursework Advisor

Areas of Expertise
• international economics
• macroeconomics
• econometrics
• development economics
• input-output analysis
• project evaluation

Current Research Interests
• Australian macroeconomic policy issues
• Australia’s trade with Asia and Pacific economies
• Pacific island economies
• computable general equilibrium modelling (CGE)
• globalisation issues

Honorary Research Consultant
Dr A. George Kenwood, BA (Sheff), PhD (Lond)

Areas of Expertise
• economic history
• economic development

Current Research Interests
• regional investment activity in Britain during the nineteenth century
• the Queensland economy between the wars

Honorary Research Consultant
Emer Prof H.M. (Ted) Kolsen, BEc (Syd), PhD (Lond)
Professor Emeritus, The University of Queensland

Areas of Expertise
• applied microeconomics, especially in the transport and public enterprise areas

Current Research Interests
• the economic regulation of industry
• transport policy
• impact of institutions and the constitutional environment on policy options
Honorary Professor
Prof J. Stan Metcalfe, CBE, BA(Econ) (Manchester), MSc (Manchester)

Current Research Interests
- evolutionary economics
- industry economics
- the study of technical change
- the economics of science policy and the formulation of technology strategy

Professional Membership
- Stanley Jevons Professor of Political Economy and Cobden Lecturer in the Department of Economics, University of Manchester
- Directory of the ESRC Centre for Research on Innovation and Competition

Honorary Associate Professor
Dr Robert A. Cage, BS (Portland State), MA (Oregon), PhD (Glasgow)

Areas Of Expertise
- economic history

Current Research Interests
- British working-class conditions
- the development of welfare and public health in Britain and Australia

Professional Membership
- Climate Change and Economics Units, Environmental Policy and Economics, Environmental Protection Agency, Queensland (Team Leader)
- Environmental Institute of Australia (Member)
- International Society for Ecological Economics (Member)
- Australian and New Zealand Society for Ecological Economics (Member)

Adjunct Professor
Dr Sally Driml, BSc(Hons) (Griffith), MRegSc (Qld), PhD (ANU)

Past Professional Membership
- Department of Environment and Heritage, Environmental Protection Agency
- Kinhill Economics, Brisbane
- Australian Bureau of Agricultural and Resource Economics (Senior Economist)
Adjunct Professor
Dr John Fallon,  
B Econ(Hons) (Qld), MA(Econ) (Western Ontario), PhD (Western Ontario)

Current Research Interests
• public finance
• public enterprise
• regulatory economics

Professional Membership
• President of The University of Queensland Economics Alumni

Past Professional Membership
• Reserve Bank of Australia
• The Industries Assistance Commission
• The Organization for Economic Cooperation and Development in Paris
• the Industry Commission
• Queensland Treasury

Adjunct Professor
Mr A. Mark Gray,  
B Econ(Hons) (Qld)

Professional Membership
• Head of the Queensland Office of Macquarie Bank
• Director in the Macquarie Bank’s Asset and Infrastructure Group
• Director of the Queensland Division of the Royal Flying Doctor Service
• Securities Institute of Australia (Member)
• Australian Institute of Company Directors (Member)

Past Professional Membership
• Deputy Under Treasurer, Queensland Treasury
• Qld Department of Primary Industries (Agricultural Economist)
• Australian Federal Government (Economist)

Adjunct Professor
Dr Peter McCawley,  
B Econ(Hons) (Qld), PhD (ANU)

Areas of Expertise
• economic development in Asian countries in particular

Professional Membership
• Deputy Director-General of Australia’s Overseas Aid Agency (AusAID)
  • Bulletin of Indonesian Economic Studies (Member of Editorial Board)

Past Professional Membership
• Executive Director of the Asian Development Bank
• Australian International Development Assistance Bureau
## Visitors to the School

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Alistair Munro</td>
<td>University of East Anglia, UK. Visiting Fellow. 27 March – 31 August 2003.</td>
</tr>
<tr>
<td>Prof Bert Balk</td>
<td>Netherlands and Erasmus University, Rotterdam. (CEPA) 19 July – 2 August 2003.</td>
</tr>
<tr>
<td>Dr Marvin Shaffer</td>
<td>University of British Columbia, Canada. Visiting Senior Lecturer. 10 February – 11 July 2003.</td>
</tr>
<tr>
<td>Prof Don Lamberton</td>
<td>Australian National University, Canberra. Visiting Professor. 3 – 28 February 2003.</td>
</tr>
<tr>
<td>Prof Lorne Carmichael</td>
<td>Queen's University, Ontario, Canada. Visiting Professor. 28 January – 30 June 2003.</td>
</tr>
<tr>
<td>Prof Stan Metcalfe</td>
<td>Manchester University, UK. Visiting Professor. 1 – 13 August 2003.</td>
</tr>
<tr>
<td>Prof Kurt Dopfer</td>
<td>University of St Gallen, Switzerland. Visiting Professor. 3 November – 5 December 2003.</td>
</tr>
<tr>
<td>Date</td>
<td>Topic</td>
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<tr>
<td>28 February</td>
<td>Intellectual Property: Right of First Sale</td>
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<tr>
<td>7 March</td>
<td>Risk and Australian Public Property: A Research Program</td>
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<tr>
<td>14 March</td>
<td>The Role for Common Sense in Doing Economics and Teaching Economics</td>
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<td>21 March</td>
<td>Graduate Overeducation in Australia</td>
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<td>28 March</td>
<td>Do Foreigners Cushion Native Jobs? The Case of European Regions in the 1990s</td>
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<td>3 April</td>
<td>Lane Use and Transportation Costs in the Brazilian Amazon</td>
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<td>4 April</td>
<td>Modelling Demand for Broad Money in Australia</td>
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<tr>
<td>11 April</td>
<td>Should We Enter a Free Trade Agreement with the United States?</td>
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<td>2 May</td>
<td>An Introduction to Data Envelopment Analysis</td>
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<td>9 May</td>
<td>Who Cites What?</td>
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<td>23 May</td>
<td>Welfare Economics with Intransitive Revealed Preferences: A Theory of the Endowment Effect</td>
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<td>30 May</td>
<td>Productivity, Facto Accumulation and Social Networks</td>
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<td>6 June</td>
<td>Strongly Stable Networks</td>
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<td>Date</td>
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<td>20 June</td>
<td>A Simple Least Squares Covariance Estimator, Consistent for</td>
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<td>Autocorrelated Error Models</td>
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<td>16 July</td>
<td>Accidents of Birth, Life Chances and the Impartial Observer</td>
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<td>18 July</td>
<td>Economic Theories of the Household – Some Experimental Tests</td>
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<td>24 July</td>
<td>The Measurement and Decomposition of Productivity Change: Exercises</td>
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<td>on the Netherlands’ Manufacturing Industry</td>
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<td>25 July</td>
<td>Donative Nonprofit Organizations</td>
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<tr>
<td>1 August</td>
<td>The Access Implications of Income Contingent Charges for Higher</td>
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<td>Education: Lessons from Australia</td>
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<tr>
<td>4 August</td>
<td>Opportunity Costs and Uncertainty in the Economic Evaluation of</td>
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<td>Health Care Interventions</td>
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<td>8 August</td>
<td>From Dark to Light: An Analysis of Phenotypical Wage Disparity in</td>
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<td>the U.S.</td>
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<td>15 August</td>
<td>Strike when the Force is with You: A Robust Rule involving the Force</td>
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<td>of Interest and Natural Resources</td>
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<tr>
<td>22 August</td>
<td>13th Colin Clark Memorial Lecture Quantifying and Interpreting</td>
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<td></td>
<td>World Development: Macr丈asurement Before and After Colin Clark</td>
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<tr>
<td>5 September</td>
<td>An Economic Evaluation of Feral Pig Control Strategies in North</td>
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<td>Queensland</td>
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<td>12 September</td>
<td>Valuing the Willingness to Pay for Environmental Conservation and</td>
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<td>Management: A Case Study of Scuba Diving Levies in Similan Islands</td>
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<td>Marine Park, Thailand</td>
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<td>17 September</td>
<td>International Investments and Economic Performance</td>
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<td>19 September</td>
<td>Evaluating Sustainable Development</td>
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<td>26 September</td>
<td>Time Variation and Asymmetry in Measures of Country Risk</td>
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<td>10 October</td>
<td>International Debt and the Jubilee 2000 Proposals</td>
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<tr>
<td>17 October</td>
<td>Contradictory Trends In Global Income Inequality: A Tale of Two</td>
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<td>Biases</td>
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<td>24 October</td>
<td>Averaging Lorenz Curves</td>
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<tr>
<td>31 October</td>
<td>National Housing Demand and Private Saving in Australia: A</td>
</tr>
<tr>
<td></td>
<td>Microsimulation Analysis</td>
</tr>
</tbody>
</table>
Seminar & Conference Presentations

Tim Coelli  
- spoke at the 2nd Plenary Session on ‘Efficiency in Food and Farming Systems’, at the IAAE Conference in Durban, 16-22 August 2003.

Peter Earl  

John Foster  
- presented a paper on ‘Research on complex systems in economics’, at an IBM workshop on Complex Systems Research, University of Canberra, 29 October 2003.

James Laurenceson  
- presented a paper ‘Shanghai as an International Financial Centre’ at the 15th Annual Conference of the Association for Chinese Economic Studies (Australia), Melbourne, 2-3 October 2003. The paper was jointly authored with KK Tang and Hui Mei Wong.

Bruce Littleboy  
- presented a TESOL(EAP) Guest Lecture, ‘The Economics of Everything’, at The University of Queensland’s English Language Institute, 17 June 2003.

Tony Makin  
- has been lecturing in short course programs and researching while on leave this year at the IMF Institute’s Singapore office. The IMF Institute provides economics training for central bank, Treasury, Ministry of Finance and other officials from IMF member countries. It’s Singapore office has training responsibilities for government officials from 28 countries in the Asia-Pacific region, including South Asia.
- lectured in IMF courses on macroeconomic forecasting and policies in Chiang Mai, Thailand (February), on the macroeconomics of budget deficits in Singapore (July), on financial programming and macroeconomic policy (September) and on exchange rates and monetary policy in Colombo, Sri Lanka (October) 2003.

John Quiggin  
- presented the seminar ‘Globalisation and neoliberalism’, Workshop on the Benefits and Costs of Globalisation in the Asia-Pacific, Griffith Asia Pacific Research Institute, Griffith University, Brisbane, 14 February 2003.
- presented ‘Queensland’s budget dilemma: the case for more tax revenue’, to The Brisbane Institute, Customs House, Brisbane, 17 June 2003.
- presented the paper ‘The global economy goes into crisis: What options for Australia?’ to the Now We The People Conference on

o presented the paper ‘Higher education: the last nationalised industry?’ to the 32nd Conference of Economists, Australian National University, Canberra, 29 September & 1 October, 2003.

o presented the paper ‘Discount rates and reform options in the Murray-Darling Basin’ to the 32nd Conference of Economists, Australian National University, Canberra, 29 September & 1 October, 2003.

o together with S. Bell presented the paper ‘Asset bubbles, financial instability and policy responses: the legacy of liberalisation’ to the Australian Political Studies Association Conference, Hobart, 29 September & 1 October, 2003.


o presented the seminar ‘Economies as complex systems’, ARC Australian Centre for Complex Systems Seminar Series, The University of Queensland, 15 September, 2003.

o presented the seminar ‘Water trading & how can it be fair and equitable’, CEDA Seminar Luncheon on ‘Water and the Australian Economy’ Committee for the Economic Development of Australia (CEDA), Brisbane, 7 October, 2003.

o presented ‘Property rights and water’ to a Joint Meeting of the Economic Society of Australia (Queensland) and the Australian Agricultural and Resource Economics Society (Queensland Branch), Brisbane, 26 June, 2003.

o commented on Prof. Richard Steinberg’s presentation on ‘Competition in contracted markets’, QCOSS/QUT Centre for Non Profit Studies, Queensland University of Technology, 7 August, 2003.


o participated in a workshop at the Land & Water Resources Research & Development Corporation’s National Workshop on the Economic Value of Biodiversity, Melbourne, 22 & 23 October, 2003. (Output of workshop: booklet for informed lay audience with all contributors acknowledged.)

**Alicia Rambaldi**


o presented a paper ‘Using the Kalman Filter to Estimate Capital Asset Price Indexes’ with R.C. Hill & J. Knight, at the Annual Meeting of the
American Real Estate Society (ARES03), Monterey, CA, 2-5 April 2003.


Jon Stanford


KK Tang


Clem Tisdell

- visited the Department of Agricultural Economics at the University of Natal (Pietermaritzburg Campus) for a week in August and presented a seminar there which was hosted by this department and The Centre for Environment and Development (CEAD).
- attended the 25th International Conference of Agricultural Economists held in Durban. While there he chaired an invited panel session on ‘Efficiency and Equity in Land Reform’ which he had helped organise and was a member of the expert panel of the Mini Symposium ‘Improving the Economics in Animal Health Economics’.
- participated in the 2003 China International Recreational Fisheries and Aquaria Forum hosted by the China Society of Fisheries and held in Shenzhen, China, 19-22 November. He presented a paper entitled ‘Recreational Fishing: It’s Expansion, It’s Economic Value and Aquaculture’s Role in Sustaining It’. He also served on the China Fisheries Society Preparation Meeting for the International Recreational Fisheries and Aquaria Conference to be held in Guangzhou, China in September 2004.

Clevo Wilson

Publications

Books


Book Chapters


Journal Articles


<table>
<thead>
<tr>
<th>Author(s)</th>
<th>Title</th>
<th>Journal / Conference</th>
</tr>
</thead>
</table>
Research Reports


Campbell, H. F., Reid, C & Vakurepe, R. 2002, Tuna Prices and Fishing Costs for Bioeconomic Modelling of the Western and Central Pacific Tuna Fisheries, ACIAR Project No. ASEM/2001/036, ACIAR, Australia.


Venn, T. J. 2002, Utilisation of Western Queensland Hardwoods as Specialty Timbers, for the Forest and Wood Products Research and Development Corporation. Project No. PN99-2004, Queensland Forestry Research Institute, Australia.


Dr PW Graham, Dr GN Hearn, Dr D Rooney, Prof J Jones, Prof C Gallois, Dr T Mandeville & Mr T Worthington, Mr B Muirhead

Project Title: Australian Creative Resources Archive
Period of Grant: 2003
Amount of Grant: $312,000
Granting Body: Australian Research Council LIEF (Linkage – Infrastructure, Equipment and Facilities)

Ms DK Conroy, Dr MA Steinberg, Prof JE Mangan & Mr P Hagan

Project Title: Categories of employment and unemployment patterns in the Sunshine Coast Labour Market: A regional Study
Period of Grant: 2003-2005
Amount of Grant: $120,000
Granting Body: Australian Research Council Linkage

Prof J Foster, Prof MJ Hinich & Dr PT Wild

Project Title: Nonlinear Econometric Modelling: A Complex Systems Perspective
Period of Grant: 2003-2005
Amount of Grant: $60,000
Granting Body: ARC Discovery

John Asafu-Adjaye; Jacqueline Robinson; Geoffrey McDonald; Dr. Lawrence

Project Title: Measuring ecological sustainability using site and catchment scale biodiversity indicators
Period of Grant: 01/01/2001 to 31/12/2003
Amount of Grant: $150,251
Granting Body: Australian Research Council (SPIRT)

Stephen Harrison; John Herbohn

Project Title: Economic evaluation of feral pig control strategies in North Queensland
Period of Grant: 01/07/2001 to 30/06/2003
Amount of Grant: $159,331
Granting Body: Department of Agriculture, Fisheries and Forestry

Sukhan Jackson; Adrian Sleigh

Project Title: Economics and Accessibility of Rural China’s New Co-Operative Healthcare Compared to the Fee-For-Service System
Period of Grant: 01/01/2001 to 31/12/2003
Amount of Grant: $107,858
Granting Body: Australian Research Council (Large Grants)

John Mangan

Project Title: Labour Market Research Services
Period of Grant: 28/02/2000 to 01/03/2003
Amount of Grant: $391,500
Granting Body: Department of Employment, Training & Industrial Relations
<table>
<thead>
<tr>
<th>Project Title</th>
<th>Period of Grant</th>
<th>Amount of Grant</th>
<th>Granting Body</th>
</tr>
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<tbody>
<tr>
<td>Nonlinear Econometric Modelling: A Complex Systems Perspective</td>
<td>2003-2005</td>
<td>$60,000</td>
<td>Australian Research Council Discovery</td>
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<tr>
<td>Equilibrium Approach to Trade and the Environment in Malaysia</td>
<td>2003</td>
<td>$13,000</td>
<td>The University of Queensland Research Development Grants Scheme</td>
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<tr>
<td>A Publication that will present VET and employment data in readily accessible, user-friendly formats and tables</td>
<td>2003</td>
<td>$27,720</td>
<td>Department of Employment and Training Queensland</td>
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<tr>
<td>Econometric Approaches to Resolving Uncertainty Concerning Functional Form</td>
<td>2003-2004</td>
<td>$10,435</td>
<td>UQ New Staff Research Start-Up Fund</td>
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<tr>
<td>International Trade and Collusion: A Game Theoretic Perspective</td>
<td>2003</td>
<td>$10,000</td>
<td>UQ New Staff Research Start-Up Fund</td>
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<tr>
<td>Optimal Employee Turnover</td>
<td>2003</td>
<td>$9,000</td>
<td>The University of Queensland Early Career Researcher</td>
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<tr>
<td>Predicting Real Estate Sale Prices. A New Approach Based on Models of Incomplete Panels with Spatially Autocorrelated Errors</td>
<td>2003</td>
<td>$11,000</td>
<td>Queensland Research Development Grants Scheme</td>
</tr>
<tr>
<td>Productivity Measurement using Micro and Macro Level Data; aggregation Issues and properties of Parametric and Non-parametric Methods</td>
<td>2003</td>
<td>$41,498</td>
<td>ARC Linkage Project</td>
</tr>
</tbody>
</table>
**Prasada Rao**  
**Project Title:** Provision of Services relating to an Analysis of the Efficiency of the Residential Aged Care Industry in Australia  
**Period of Grant:** 2003  
**Amount of Grant:** $145,200  
**Granting Body:** Department of Health and Aged Care

**Gareth Leeves**  
**Project Title:** Public Sector Labour Markets In Australia: An Analysis of the Queensland MOHRI Database  
**Period of Grant:** 2003  
**Amount of Grant:** $10,000  
**Granting Body:** The University of Queensland Research Development Grant

**John Quiggin**  
**Project Title:** Risk and Australian Public Policy  
**Period of Grant:** 2003-2007  
**Amount of Grant:** $378,983  
**Granting Body:** ARC Discovery Project

**John Quiggin**  
**Project Title:** Sustainable Reform of the Murray-Darling System: Property Rights, Uncertainty and Institutions  
**Period of Grant:** 2003-2008  
**Amount of Grant:** $1,431,765  
**Granting Body:** ARC Federation Fellowship

**Christopher O'Donnell**  
**Project Title:** The importance of price and perceived quality to the demand for fresh fruits and vegetables  
**Period of Grant:** 2003-2006  
**Amount of Grant:** $400,270  
**Granting Body:** ARC Linkage Project

**John Asafu-Adjaye**  
**Project Title:** Trade liberalisation, agriculture and land degradation in Fiji, Implications for sustainable development policies  
**Period of Grant:** 2003-2006  
**Amount of Grant:** $429,925  
**Granting Body:** Australian Centre – International Agricultural Resources

**Richard Brown**  
**Project Title:** Developing Options for the Management of the Bunaken National Park and the Surrounding Regions  
**Period of Grant:** 2002-2003  
**Amount of Grant:** $29,394  
**Granting Body:** World Wildlife Fund, Inc

**Sukhan Jackson**  
**Project Title:** Impact of China's changing economy and health services on tuberculosis, its socio economic effects and its control  
**Period of Grant:** 2002-2003  
**Amount of Grant:** $49,796.68  
**Granting Body:** Henan Provincial Institute of Parasitic Diseases

**Harry Campbell**  
**Project Title:** Maximising the economic benefits to Pacific Island Nations from management of Migratory Tuna Stocks  
**Period of Grant:** 2002-2003  
**Amount of Grant:** $61,429.50  
**Granting Body:** La Trobe University
The School had 77 candidates undertaking higher degree research during 2003 consisting of 67 x PhD and 8 MPhil and 2 x MCon (Research) candidates. This total includes all candidates enrolled, interrupted and submitted. The School had 23 candidates who were split EFTSU candidates with research topics involving the School of Economics and another School.

<table>
<thead>
<tr>
<th>Candidate (Supervisor)</th>
<th>Topic</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr A Abdul Wahad</td>
<td>A critical assessment of the socio-economic implications of Malaysia's national information policy: A complex system approach</td>
<td>PhD</td>
</tr>
<tr>
<td>(Comp Sci &amp; Elec Eng 80% &amp; Mandeville 20%)</td>
<td></td>
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<tr>
<td>Mr Latif Adam</td>
<td>The economic role of formal and informal inter-firm networks in the development of small and medium industrial enterprises: study of symbiosis in the Indonesian garment industry</td>
<td>PhD</td>
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<tr>
<td>(Tisdell &amp; Jackson)</td>
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<tr>
<td>Ms Breige Allan-Greer</td>
<td>Analysis of consumer demand for fresh fruits and vegetables</td>
<td>PhD</td>
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<tr>
<td>(O'Donnell &amp; Coelli)</td>
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<tr>
<td>Dr Mohammad Alauddin</td>
<td>Stemming the tide against the economics discipline: In search of a generic model</td>
<td>PhD</td>
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<tr>
<td>(Education 50% &amp; Foster)</td>
<td></td>
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<tr>
<td>Mr Aung-Kyaw-Zaw</td>
<td>Cost-effectiveness of parasite-F rapid manual diagnostic test for the diagnosis of falciparum malaria against conventional microscopy along with primary health care approach in Myanmar</td>
<td>PhD</td>
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<td>(Tropical Health 60% &amp; Jackson, S.)</td>
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<tr>
<td>Mr Ranjith Bandara</td>
<td>Economics of vertebrate pest management: A case study of human elephant conflict in Sri Lanka</td>
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<tr>
<td>(Tisdell &amp; Roy)</td>
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<tr>
<td>Mr Yapa Bandara</td>
<td>Trade liberalisation and the growth of the manufacturing sector in Sri Lanka</td>
<td>PhD</td>
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<td>(Karunaratne, Mangan &amp; Mahadevan)</td>
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<td>Mr Boyd Blackwell</td>
<td>The economics of the provision of beach services (awarded December 2003)</td>
<td>PhD</td>
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<td>(Tisdell, Asafu-Adjaye &amp; Harrison)</td>
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<td>Ms Tanya Boyle</td>
<td>Economic reform of the rail industry in Queensland (interrupted 2003)</td>
<td>MPhil</td>
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<td>Mr Jerome Bredt</td>
<td>The process of job creation and destruction in the Australian economy</td>
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<td>Mr Maxwell Briggs</td>
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<td>Mr Joseph Clark</td>
<td>An investigation into the effect of multi-population evolutionary learning specifications with complexity costs on equilibrium in learning games</td>
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<td>Ms Linda Cobiac</td>
<td>Stormwater management and planning: decision support in a socio-economic context</td>
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<td>Ms Darrian Collins</td>
<td>Changing travel patterns: An economic and quantitative analysis based on Australian outbound travel <em>(awarded June 2003)</em></td>
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<tr>
<td>Mrs Averil Cook</td>
<td>Economics of development of long-distance walking tracks in North Queensland</td>
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<td>Ms Melanie Cox</td>
<td>Impacts of aquatic ecosystem health on human welfare</td>
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<td>Mr Michael Cox</td>
<td>The economic and export potential of natural resource products from Queensland timber industries</td>
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<td>Mrs Evelyne Degryse</td>
<td>Measuring Poverty: A case study – Bali</td>
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<td>Mr Fritz De Vroet</td>
<td>Strategic management in Asian companies</td>
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<td>Mr James Dick</td>
<td>On the structural complexity of financial markets</td>
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<td>Mr Chandra Dulare</td>
<td>A general equilibrium macroeconomic model for Fiji: A small semi-open economy with nominal exchange rate anchor <em>(awarded May 2003)</em></td>
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<td>Mr Stephen Duthy</td>
<td>Socio-economic evaluation of supervised cattle distribution in the Philippines</td>
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<td>Mr Jean-Claude Eono</td>
<td>The economics of world heritage listed areas <em>(awarded November 2003)</em></td>
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<td>Mr Nicholas Emtage</td>
<td>An investigation of the socio-economic factors affecting the adoption of non-industrial forestry in far north Queensland and the Leyte region of the Philippines</td>
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<td>Ms Estela Estoria</td>
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<td>Economic impact of water trading in Pioneer Valley</td>
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<td>Mr Zhicun Gao</td>
<td>Industrialization and foreign trade strategies in China’s economic development <em>(awarded November 2003)</em></td>
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<td>Mr Barry Golding</td>
<td>Metals, energy and sustainability</td>
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<td>Mr Colin Green</td>
<td>Social interaction effects on Australian youth outcomes</td>
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<td>(Leeves, Mangan &amp; Bodman)</td>
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<td>Mr Nestor-Onting Gregorio</td>
<td>Role of nursery in the redevelopment of timber industry through small scale forestry in Leyte</td>
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<td>(Natural &amp; Rural Systems Mgmt 40% &amp; Harrison)</td>
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<td>Mr Gholamerza Hajargasht</td>
<td>Semiparametric and Bayesian estimation of frontier models</td>
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<td>(O’Donnell, Coelli &amp; Rao)</td>
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<td>Mr Akhter Hamid</td>
<td>Integration of agriculture and aquaculture in farming systems of Bangladesh: Economic, social and environmental perspectives</td>
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<td>(Alauddin &amp; Agriculture 50%)</td>
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<td>Ms Mary Hedges</td>
<td>A personal construct theory of labour market mobility</td>
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<td>(Earl, Foster, Potts &amp; Endres)</td>
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<td>Ms Karen Hooper</td>
<td>The non-traded goods sector, international migration and competitiveness</td>
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<td>(Brown, R. &amp; Foster)</td>
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<td>Mr Yoshitaka Hosoi</td>
<td>The impact of a large scale mine development on the national economy of Fiji</td>
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<td>Mr Mohammad Hossain</td>
<td>Growth, structural change, and income distributional consequences of trade liberalization: The case of Bangladesh (awarded July 2003)</td>
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<td>Mr M. Azharul Huq</td>
<td>Domestic resource mobilisation in a developing economy: Issues, options and prospects for Bangladesh (interrupted 2003)</td>
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<td>Ms Galina Ivanova</td>
<td>The impact of research and development on performance of Australian industry</td>
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<td>(Docwra &amp; Asafu-Adjaye)</td>
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<td>Mr Krishna Iyer</td>
<td>Determinants of causality in the capital flows-economic growth relationship</td>
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<td>Makin, Rambaldi &amp; Tang</td>
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<td>Mr D. (Ian) Jefferies</td>
<td>Application of multi-objective decision support systems (MODS) for the evaluation of farm forestry viability</td>
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<td>Mr Shajahan Khandaker</td>
<td>Economic analysis of diseases caused by VTEC (verotoxin producing E.coli) in Australia (awarded June 2003)</td>
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<td>Mr Daryl Killin</td>
<td>Private forestry industry development strategies in North Queensland based on high-value tropical species</td>
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<td>Gender inequality and agricultural productivity: Economic analysis and African evidence (awarded November 2003)</td>
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<td>Mr Parvinder Kler</td>
<td>Over-education (invisible under-employment): An indirect measure of labour market efficiency</td>
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<td>Mrs Svetlana Klimenko</td>
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<td>Ms Susana Lifschitz</td>
<td>The sugar industry in Brazil and Australia – a comparative study</td>
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<td>Mr Lauchlan Mackinnon</td>
<td>Management of self-reflexive socioeconomic systems with specific</td>
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<td>(Earl &amp; Foster 75% &amp; Philosophy)</td>
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<td>Dynamic modelling of deforestation in the P.D.R. (awarded November 2003)</td>
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<td>Mr Stuart McDonald</td>
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<td>Ms Kerrie Mitchener</td>
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<td>Mr Chris Nadarajah</td>
<td>Production functions in the Australian professional team sport</td>
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<td>Mr Hong Son Nghiem</td>
<td>The efficiency of microfinance and its contribution to poverty</td>
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<td>(Coelli, Laurenceson &amp; Rao)</td>
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<td>Mr Shane O’Donohue</td>
<td>Theory of savings in Keynesian economic models</td>
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<td>Mr Christos Panousis</td>
<td>Personality traits and the entrepreneur as a constructor of</td>
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<td>(Earl, Potts &amp; Fitzgibbons)</td>
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<td>Ms Roberta Powell</td>
<td>Industrial organization and financial stability</td>
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<td>Mr Frederik Preisler</td>
<td>Analytical techniques to incorporate sustainability</td>
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<td>Mr Alan Raine</td>
<td>On growth, property and energy transformation</td>
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<td>Ms Leonora Risse</td>
<td>Evaluation and optimal design of a maternity scheme for Australia</td>
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<td>Mr John Robertson</td>
<td>Ecological and economic implications of conservation management</td>
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<td>Mr Sean Ryan</td>
<td>Transferable development rights for conservation in Queensland</td>
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<td>Mr Nirmal Saha</td>
<td>Socio-economic determinants and impacts of different forms of</td>
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<td>Mr Ridwan Sala</td>
<td>Bioeconomic analysis of the skipjack fishery in eastern Indonesia</td>
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<td>Mr Tyron Venn</td>
<td>Sustainable woodland-based development strategies for Aurukun Shire,</td>
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<td>Dr David Wadley</td>
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<td>Mr David Willis</td>
<td>The determinants of derivative usage in the Australian insurance and</td>
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<td>The causal link between foreign direct investment and economic</td>
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Other Candidates with Associate Supervision in the School of Economics

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<td><strong>Mr Francis Barram</strong></td>
<td>Design of sustainable energy systems for isolated hotels in the South Pacific</td>
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<td><strong>Mr Bede Evans</strong></td>
<td>Public health strategies to control helminth infections in Vietnam</td>
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<td><em>(Population Health 100% &amp; Riethmuller)</em></td>
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<td><strong>Mr Alistair Robson</strong></td>
<td>Methodologies to evaluate economic development strategies and initiatives to transform the Ipswich regional economy</td>
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<td><strong>Mr Justin Ryan</strong></td>
<td>Multi-scale vegetation management and restoration for rehabilitating degraded catchments</td>
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# Coursework Economic Projects & Theses Completed in 2003

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<tr>
<td>David Bailey</td>
<td>The contestability of the Australian airline industry</td>
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<td>Gregory Hall</td>
<td>Is a country lucky to have natural resources? A cross-country study of how mineral and fuel industries affect economic growth using panel data</td>
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<td>Wei Lyn Loh</td>
<td>Exchange rate and productivity in Australia</td>
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<td>Sarah Millen</td>
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<tr>
<td>Anthony Rossiter</td>
<td>A differential game analysis of fiscal policy coordination within a monetary union</td>
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<td>(Tang/Beard)</td>
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<td>Grant Stidiford</td>
<td>Developing the theory of a socially aware, obligated economic actor in the family unit</td>
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<td>Belinda Swifte</td>
<td>The Australian labour market – existence and explanation of asymmetries</td>
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<tr>
<td>Adrian Tang (Laurenceson)</td>
<td>Do measures of consumer sentiment forecast household spending? Evidence from Japan</td>
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<td>Matthew Thomson (Tang)</td>
<td>Measuring the impact of housing and financial wealth of household consumption</td>
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<td>Shannon Walding (Coelli)</td>
<td>Benchmarking water suppliers in Australia: A DEA approach</td>
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<tr>
<td>Muhammad Yunus (Roy)</td>
<td>The state of agriculture and rural development in Indonesia and the government’s rule under planned development</td>
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<td>Duc Vo Hong (Campbell)</td>
<td>Estimating the size of the shadow economy in Vietnam</td>
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**Economic Project 2003**

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<tbody>
<tr>
<td>Geoffrey Jones (Mandeville)</td>
<td>ICT trade and industry policy in emerging economies: a comparative analysis of India’s and Vietnam’s software manufacturing for export industries</td>
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<td>Charmaine Chalmers (Stanford)</td>
<td>Consumption and the Wealth Effect</td>
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<td>Rachna Pawnday (Potts)</td>
<td>Economics of the Indian film industry</td>
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<td>Ella Rohen (Earl)</td>
<td>Identity, system boundaries, and economic agency</td>
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<td>Joanne (Geok Kee) Wan (Stanford)</td>
<td>The exchange rate and the Thai economy during the Asian financial crisis</td>
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<td>Christopher Boulis (Duhs/Docwra)</td>
<td>Towards an efficient and effective transport system for Brisbane: A comprehensive analysis of the issues, current policies and the identification of alternative solutions</td>
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<td>James Brown (Littleboy)</td>
<td>Australian exchange rate fundamentals</td>
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2003 Annual Report
Xiao Ting Li  
(Jackson (80%)/Laurenceson)  
**MBusEcon**  
Rural to urban labour migration in China

Ti-chong Peng  
(Potts/Earl)  
**MEconSt**  
The evolutionary microeconomics of speculation in the context of the Brisbane property market

Tu Long Phan  
(Duhs)  
**MBusEcon**  
Economic development in Vietnam: The Asian approach

Natalie Schmidt  
(Docwra)  
**MProfEcon**  
Gas supply industry reform: The access regime and its impacts on investment

Arnold Van Buuren  
(Riethmuller)  
**GDipEcon**  
The introduction of competition through private participation in the supply of public transport facilities and services

**Student (Supervisor/s)**  
**2002 Degree Thesis Title/Topic**

Ms Astrid Loon  
(Roy & Jackson, S.)  
**MEcon**  
The socio-economic impacts of implementing noise and air pollution controls at Amsterdam International Airport, Schiphol
### PhD & MEcon Degrees Awarded in 2003

<table>
<thead>
<tr>
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<tr>
<td><strong>Mr Nirmal Saha</strong> (Tisdell/Alauddin)</td>
<td>PhD An economic analysis of pond polyculture in Bangladesh: Efficiency, comparative returns, and related environmental and poverty issues. 185 pp (AWARDED 13 April 2003)</td>
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<tr>
<td><strong>Mr Chandra Dulare</strong> (Roy/Karunaratne)</td>
<td>PhD Monetary policy in a semi-open economy with nominal exchange rate anchor: The case of Fiji. 175 pp (AWARDED 21 April 2003)</td>
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<td><strong>Ms Darrian Collins</strong> (Tisdell/Karunaratne)</td>
<td>PhD Economics of outbound business travel: A comparative analysis using Australian data. 244 pp (AWARDED 12 June 2003)</td>
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<tr>
<td><strong>Mr Shahjahan Khandakar</strong> (Sutton – Vet School 50%/Alauddin – Economics 50%)</td>
<td>PhD Economic analysis of disease caused by VTEC (veritoxin producing <em>E. coli</em>) in Australia. 245 pp (AWARDED 3 June 2003)</td>
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<tr>
<td><strong>Mr Mohammad Hossain</strong> (Karunaratne/Alauddin)</td>
<td>PhD Trade liberalisation and economic performance: Analytics and empirics from Bangladesh. pp 389 (AWARDED 18 July 2003)</td>
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<td><strong>Mr Jean-Claude Eono</strong> (Harrison/Herbohn(NRSM))</td>
<td>PhD Market and non-market benefits in government-assisted reforestation in the Queensland wet tropics. pp 418 (AWARDED 22 September 2003)</td>
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<td><strong>Mr Zhicun Gao</strong> (Tisdell/Chai)</td>
<td>PhD Technology transfer in China’s industrial development: A study concentrating on the electronics sector and the television industry. pp 380 (AWARDED 24 November 2003)</td>
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<td><strong>Mr Ryan McAllister</strong> (Asafu-Adjaye/Beard)</td>
<td>PhD Dynamic analysis of deforestation in the Lao Peoples Democratic Republic. (AWARDED 26 November 2003)</td>
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<td><strong>Mr John Robertson</strong> (Campbell/Beard/Mapstone (JCU))</td>
<td>PhD An economic analysis of fishing site selection in the commercial Tropical Coral Reef Line Fishery in the Great Barrier Reef Marine Park. pp 181 (AWARDED 11 December 2003)</td>
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# Undergraduate & Graduate Courses Offered

## Undergraduate Courses

### Level 1

#### Semester 1

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<tr>
<th>2002 Code</th>
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<td>ECON1010</td>
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#### Semester 2

| ECON1010  | Introductory Microeconomics                       | EC121         |
| ECON1020  | Introductory Macroeconomics                       | EC122         |
| ECON1050  | Introductory Mathematical Economics               | EC131         |
| ECON1100  | Political Economy & Comparative Systems           | EC113         |
| ECON1310  | Quantitative Economic & Business Analysis A       | EC135         |
| ECON1320  | Quantitative Economic & Business Analysis B       | EC136         |

### Level 2

#### Semester 1

| ECON2010  | Microeconomic Theory                             | EC211         |
| ECON2020  | Macroeconomic Theory                             | EC212         |
| ECON2050  | Mathematical Economics                           | EC233         |
| ECON2300  | Introductory Econometrics                        | EC230         |
| ECON2420  | The Macroeconomy & Business Conditions           | new           |
| ECON2610  | International Economy in the Twentieth Century   | EC264         |
| ECON2810  | Industrial & Labour Relations                    | EC281         |

#### Semester 2

| ECON2030  | Microeconomic Policy                             | EC271         |
| ECON2040  | Macroeconomic Policy                             | EC221         |
| ECON2100  | Philosophy of Economic Thought                   | EC214         |
| ECON2200  | Management of Financial Institutions              | EC202         |
| ECON2320  | Business & Economic Design Techniques            | EC235         |
| ECON2400  | Business Economics                               | ID226         |
| ECON2411  | Business Economics & the Information Sector      | EC204         |
| ECON2600  | Economic History of Asian Economies              | EC263         |
| ECON2700  | Applied Economics of Marketing & Distribution    | EC265         |
| ECON2800  | The Economics of Labour Markets                  | EC280         |
### Level 3 Semester 1

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### Semester 2

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### HONOURS AND GRADUATE COURSES

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ECON7002  Economics for Managers  EC868
ECON7010  Microeconomics for Managers  EC865
ECON7020  Macroeconomics for Managers  EC866
ECON7030  Microeconomic Analysis  EC840
ECON7040  Macroeconomic Analysis  EC842
ECON7300  Statistics for Business & Economics  EC834
ECON7310  Elements of Econometrics  EC843
ECON7320  Advanced Applied Econometrics  EC860
ECON7330  Econometrics  EC861
ECON7400  International Industry Economics  EC847
ECON7460  Health Economics  EC857
ECON7500  Asia-Pacific Development  EC844
ECON7510  Economic Development  EC873
ECON7520  International Monetary Economics  EC845
ECON7540  Economics of Innovation & Entrepreneurship  new
ECON7730  Natural Resource Economics  EC878
ECON7800  Personnel Economics for Business  new
ECON7900  Special Unit  EC854
ECON7910  Research Report  EC869
ECON7920  Economic Project  EC859
ECON7930  Thesis  EC899
ECON8010  Microeconomic Theory (PhD Students only)  new
ECON8020  Macroeconomic Theory (PhD Students only)  new
ECON8300  Advanced Applied Econometrics  new
ECON8910  PhD Confirmation Thesis  new

Semester 2
ECON6200  Advanced Monetary Economics  EC401
ECON6310  Advanced Topics in Econometrics  EC444
ECON6340  Inter-Industry Economic Modelling  new
ECON6410  Information Economics  EC483
ECON6420  Public Finance  EC415
ECON6700  Ecological & Environmental Economics  EC428
ECON6900  Special Unit  EC423
ECON6910  Thesis  (6 UNITS)  EC411
ECON6920  Thesis  (8 UNITS)  EC412
ECON7010  Microeconomics for Managers  EC865
ECON7020  Macroeconomics for Managers  EC866
ECON7200  Economics of Financial Markets  EC802
ECON7300  Statistics for Business & Economics  EC834
ECON7322  Operations Research for Information Systems  EC736
ECON7340  Inter Industry Economic Modelling  new
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**2001 Semester 3 Courses Offered**

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